



471 677 1954 atlas BOT

402647 Bot,
Smith 9mst.

- Trapens

UNITED STATES

EXPLORING EXPEDITION.

DURING THE YEARS

1838, 1839, 1840, 1841, 1842.

UNDER THE COMMAND OF

CHARLES WILKES, U.S.N.

ATLAS.

BOTANY.

PHANEROGAMIA.

VOL. I.

BY

ASA GRAY, M.D.

BY AUTHORITY OF CONGRESS. /

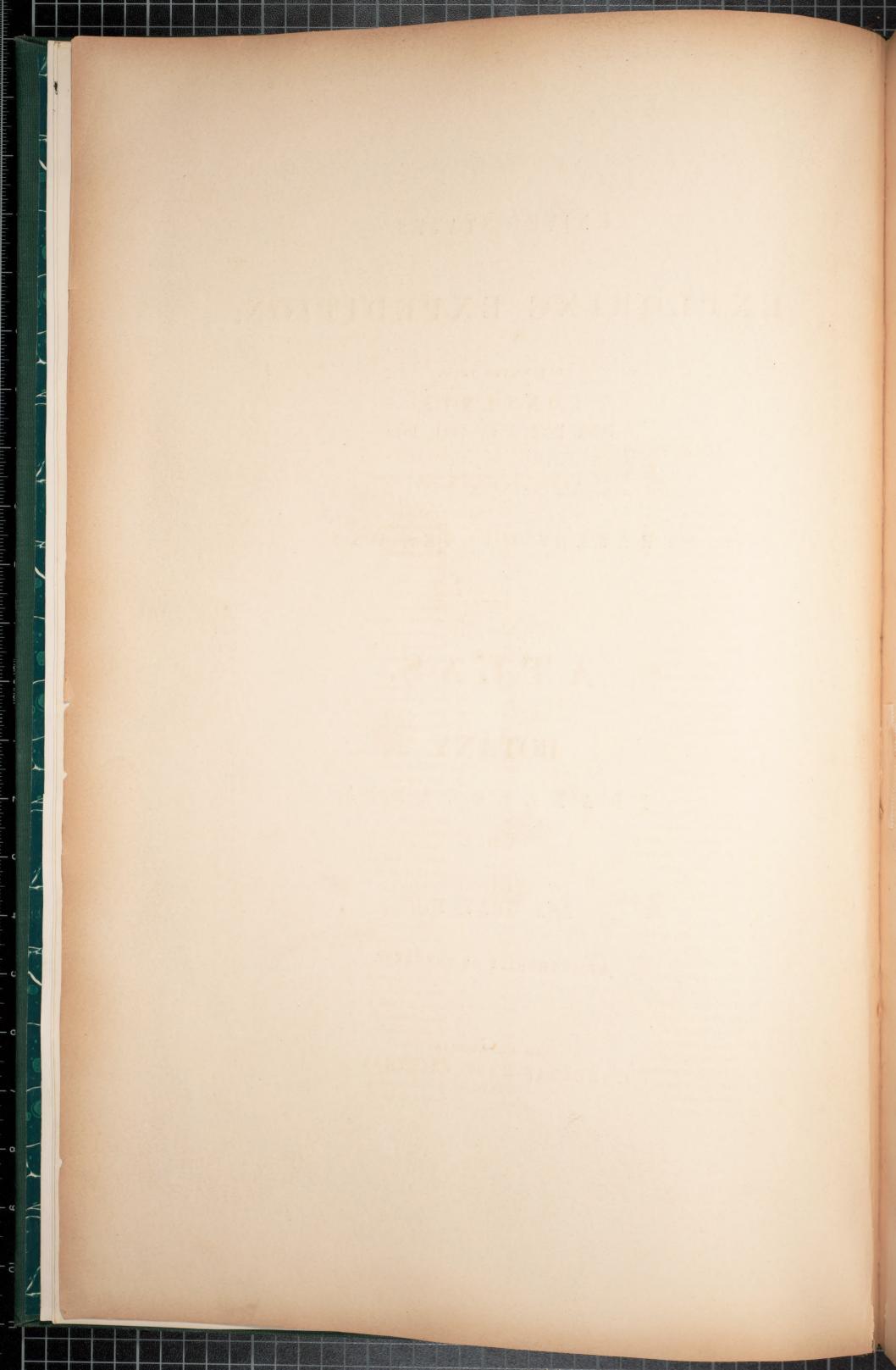


PHILADELPHIA:

C. SHERMAN & SON, PRINTERS.

1856.





CONTENTS.

[THE FOLIOS REFER TO THE PAGE OF LETTER-PRESS WHERE THE PLATE IS EXPLAINED.]

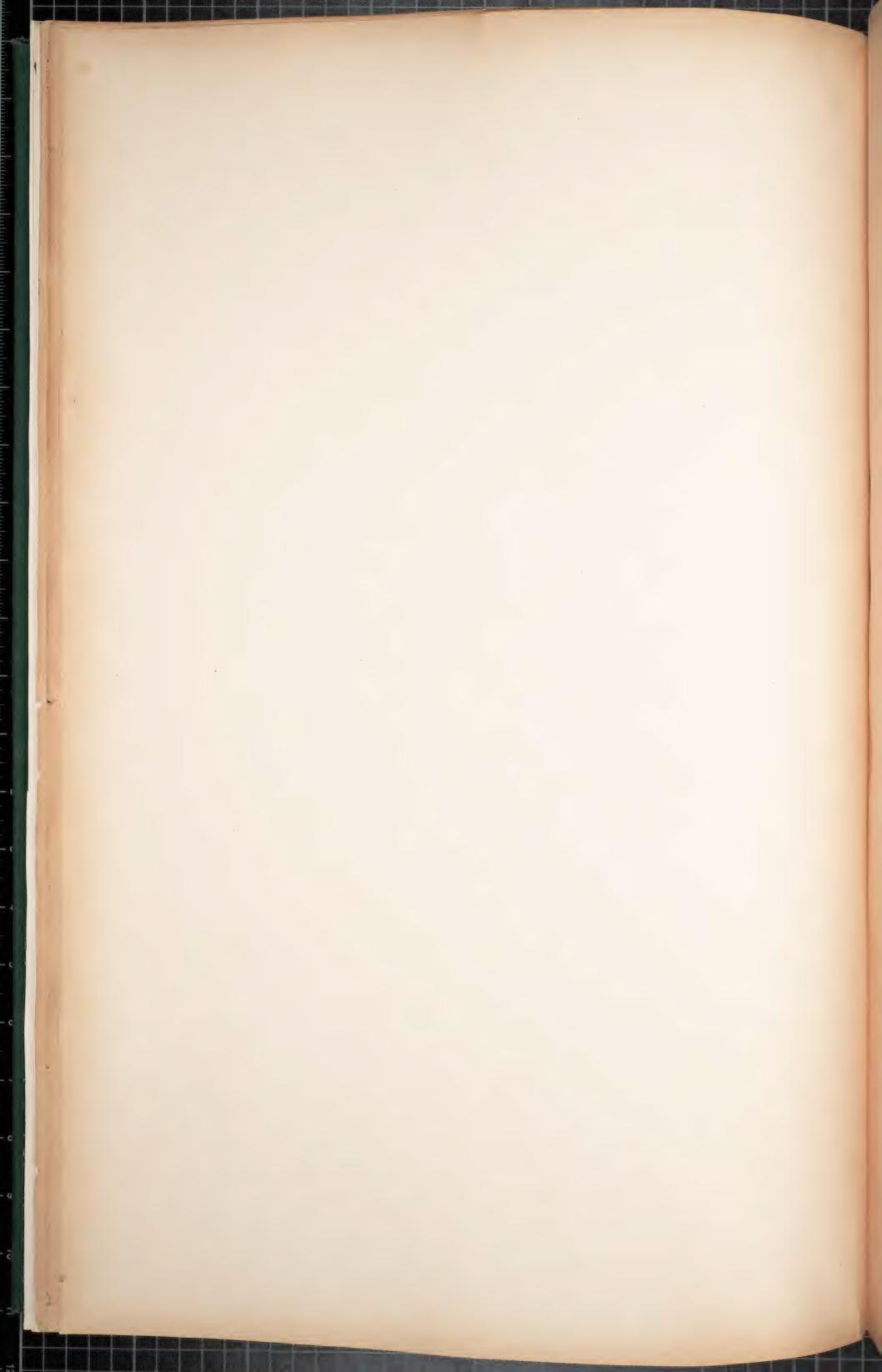
PLATE CAPELIA BITCORA,													
S. CRENOLORUS APPLANOPTERUS, 56 58. PERLA AMICUCLAPPOLIA, 3 SESTMENTION ATTRIOCATIONS, 60 37. PERLA ROPENTIONIA, 3 XYLOSMA ORDICULATEM, 78 38. PERLA VOLCANICA, 3 XYLOSMA ORDICULATEM, 82 39. MELTOPE GINERIA, 3 CASCARIA BISTORIA, 82 39. MELTOPE GINERIA, 3 CASCARIA RICHIT, 82 41. GONDHILA LINEARIS, 3 S. FOLKORION OR PERTURBANA, 57 40. AMABORIA SOULANDORDES, 3 S. SOUDERRON ON PERTURBANA, 91 41. GONDHILA LINEARIS, 3 S. SOUDERRON ON PERTURBANA, 95 43. ONCOCARDE VITENSIS, 3 S. SOUDERRON ON PERTURBANA, 136 45. CONSAMUE PROCESSIONA, 3 S. SCHEER APPERDIASA, 136 45. CONSAMUE PROCESSIONA, 4 S. SCHEERE APPERDIASA, 136 45. CONSAMUE PROCESSIONA, 4 S. FIRMANA DIVERSIONIA, 186 48. STRONVILODES AUBBRANA ARRONOCHINE, 4 S. FIRMANA DIVERSIONIA, 186 48. STRONVILODES AUBBRANA ARRONOCHINE, 4 S. FIRMANA DIVERSIONIA, 202 40. STRONVILODES AUBBRANA ARRONOCHINE, 4 S. FIRMANA DIVERSIONIA, 208 50. VIGNA SANDWICENSIS, 5 S. FIRMANA DIVERSIONIA	LATE 1.	CAPELLIA BIFLORA, .										PLATE 34	PELEA? LUCIDA,
S. Chesologues aptrasofteness	2.	RICHELLA MONOSPERMA, .									30	35.	·
Sisymmum actinicarrens	3.	CREMOLOBUS APHANOPTERUS,									. 56	36.	
A. NYLOSMA SUAPOLENS, 77 PRIES SANDWICENSIS, 3 3 NYLOSMA ORBIGULATUM, 78 38 PRIES VOLCANICA, 3 3 3 3 3 3 3 3 3		SISYMBRIUM ATHROCARPUM,									60	37.	
XYLOSMA ORBICHATUM, 82 33, MILGOUR CHNIREA, 3 3	4.	XYLOSMA SUAVEOLENS,									. 77		
S. CASEARIA DISTITULA, S2		XYLOSMA ORBICULATUM, .									78	38.	,
Casearia Richit, 82	5.	CASEARIA DISTICHA, .									. 82	39.	· ·
6. Viola Chamissoniana, 87 40. Amaronia soulamoddes, 3 3 3 41. Gomphia minaris, 3 3 41. Gomphia minaris, 3 3 42. Barckenhodea printida, 3 3 3 3 3 3 3 3 3		CASEARIA RICHII,		,							82		
1. Agatea Violanis 91 41. Gomphia linearis 38	6.	VIOLA CHAMISSONIANA,										40.	
8. ISODENDRION PYRIFOLIUM, 94 42. BRACKENRIDGE NITIDA, 33 43. ONCOGARDES VITIENDS, 33 110. SILENE SERVETHIOLOGUES, 1111 11. SCHUEDEA SPREEDGUINA, 136 44. BUCHANNIA FLORIDA, 33 12. HUBS SIMARURAPOLIA, 33 139 45. CONXARUS PIGGERINGI, 33 14. BUCHANNIA FLORIDA, 33 14. BUCHANNIA FLORIDA, 33 15. HUBSCU BRACKENRIDGER, 176 47. SERRETOGENSIA, 34 16. AGAIT TOMENTOGA, 43 17. PRINIANA DIVERSIFOLIA, 186 48. SERONQYLODON RUBER, 44 18. DICLIDOCARDUS RICHII, 202 49. SERONOLIADON MACROBOTHYS, 44 19. DICLIDOCARDUS RICHII, 202 49. SERONOLIADON MACROBOTHYS, 44 10. DISCOSTIONA VITIENSE, 217 51. AFERLIA BIUGA, 46 50. VIGAS ANDIVICENSIS, 47 18. PITTOSTORUM TORROLUS RUBER, 227 19. PITTOSTORUM TORROLUS RUBER, 227 19. PITTOSTORUM TORROLUS RUBER, 230 19. PITTOSTORUM TORROLUS RUBER, 231 19. PITTOSTORUM TORROLUS RUBER, 233 20. DIDYMOCHION RICHII, 240 21. HIPTAGE SYNTHYROLA, 260 55. PORNORUM CONTENTILLORIM, 250 22. ALDHITONIA ZERYTHORIES, 270 24. PERROTULA GENERAL RUBER, 250 25. ALPHITONIA ZERYTHORIES, 270 26. RUBER HAWARIUM TARROLUS RUBER, 360 27. ALPHITONIA ZERYTHORIES, 270 28. ALPHITONIA ZERYTHORIES, 270 29. FOR RUBER RUBER, 250 20. DIDYMOCHION RUBER, 250 21. GENERAL WITERSIS, 250 22. ALPHITONIA ZERYTHORIES, 270 23. CATHA VITENSIS, 250 24. PERROTURUS RUBER, 250 25. RUBER HAWARIUS RUBERCALY, 511 26. LURY VITENSIS, 250 27. PERROPERALOR SANDWICENSIS, 277 28. RUBER MACROLUS, 312 29. BYRONIA SANDWICENSIS, 277 29. PERROPERAL SANDWICENSIS, 304 20. GERANIUM MULTIFLORUM, 312 21. GERANIUM MULTIFLORUM, 312 22. GERANIUM MULTIFLORUM, 312 23. GERANIUM MULTIFLORUM, 314 24. EUGENIA CONVENCIAL CONVENCIAL, 522 25. RUBYTHANDRA VITENSIS, 304 26. EUGENIA RUBIRESCENS, 522 27. PERROPERAL ONCE STROLUM, 314 28. GERANIUM MURDICENSIS, 304 31. GERANIUM MURDICENSIS, 304 32. ACRONYOLIIA BUCHOLIA, 337 33. ACRONYOLIIA DETROLURA, 344 33. ACRONYOLIIA BUCHOLIA, 337 34. ACRONYOLIIA BUCHOLIA, 337 35. ACRONYOLIIA BUCHOLIA, 337 36. ACRONYOLIIA BUCHOLIA, 337 36. ACRONYOLIIA BUCHOLIA, 337 37. ACRONYOLIA BUCHURA 339	7.												,
9. ISODENDRION LONGIFOLIUM, 96 43. ONCOCARTUS YITINBIS, 33 10. SILENE STRUTHOLOGIDES, 111 44. BUCHANANA FLORIDA, 33 SILENE LANCOLATA, 111 11. SCHUEDEA SPERGULINA, 136 45. CONNARUS PICKERINGII, 33 SCHEEL ADDITUSA, 139 46. AGAIT TOMENTORA, 47 SCHEELEA DIFUNIA, 139 46. AGAIT TOMENTORA, 47 SCHEELEA DIFUNIA, 139 46. AGAIT TOMENTORA, 47 12. HUBSCUS BRACKENRINGDEI, 176 47. STREPTODENIA CARRECENS, 44 14. DICLIDOCARTES RICHII, 202 49. STRONQULORO MAUROBOOTRYS, 44 15. DRAYTONIA RUHCENDA, 208 50. VIGNA SARDWICKESIS, 47 16. DESCOSIGNA VITIENSE, 217 17. AFERLIA BILUGA, 46 17. PITTOSPORUM BRACKERIBORI, 226 18. PITTOSPORUM BRACKERIBORI, 226 19. PITTOSPORUM BRACKERIBORI, 226 19. PITTOSPORUM RICHITICOCARTEN, 229 14. PARAMUNI NULLARUM, 48 19. PITTOSPORUM CONFERTIFICALA, 209 14. PARAMUNI NULLARUM, 48 19. PITTOSPORUM CONFERTIFICALA, 209 20. ALPHITONIA RICHITICOLA, 209 21. ALPHITONIA RICHITICOLA, 209 22. ALPHITONIA RICHITICOLA, 209 23. CATRA VITIENSE, 259 24. PERROTEFILIA SARDWICENSIS, 293 25. LIEX VITIENSIS, 296 26. BERONIA RASHIPLOLA, 312 27. PLEUROPETALO SARDWICENSIS, 297 28. RICHITONIA FLANGULOIDES, 302 29. GERANIUM MULTIFICARIS, 209 20. GERANIUM MULTIFICARIS, 209 21. GERANIUM MULTIFICARIS, 301 22. RICHITRIS STRUBSIS, 301 23. GERANIUM MULTIFICARIS, 302 24. RICHITRIS STRUBSIS, 304 25. LIEX VITIENSIS, 304 26. EUGENIA ARMICOLIA, 324 27. PLEUROPETALON SANDWICKNISS, 209 28. RICHITRIS STRUBSIS, 304 29. GERANIUM UNINARIS, 326 30. GERANIUM UNINARIS, 326 31. GERANIUM UNINARIS, 326 32. GERANIUM UNINARIS, 326 33. GERANIUM UNINARISORUM, 314 34. GERANIUM ARBORIUM, 315 35. EUGENIA CONFERTIFICARA, 529 36. EUGENIA REPUBLICA, 529 37. REGUE ARROWING ARMICOLAL, 529 38. GERANIUM UNINARISORUM, 316 39. GERANIUM UNINARISORUM, 317 31. GERANIUM UNINARISORUM, 318 31. GERANIUM UNINARISORUM, 319 32. GERANIUM UNINARISORUM, 314 33. ACRONYCHIA DICHUM, 337 34. ADROUGLIA REPUBLIA	8.	ISODENDRION PYRIFOLIUM,											
10. Silene struthioloides,	9.												
SILENE LANCEOLATA,	10.											1	
11. Schiedea spergulina, 136 45. Connarius Pickrringhi, 33 Schiedea divusa, 139 46. Agait tomentosa, 4.5		,											
Schiedea Diffusa, 139 46. Agati tomentosa, 14. 12. Hibscus Brackennidger, 176 47. Streetfodeshia Canescens, 42. 13. Firmland diversifolia, 186 48. Strongulodon nuceri, 44. 14. Diclidocardus Richii, 202 49. Strongulodon naugrobothys, 44. 15. Draytonia rudicunda, 208 50. Viona Sandwicensis, 44. 16. Discostigna Vitiense, 217 51. Afzeria biuuga, 44. Vayea Ahicorum, 246 52. Cynometra grandificha, 47. 17. Pittosforum Brackennidger, 226 53. Porgamia Glarba, 43. 18. Pittosforum rutyfidocardum, 229 54. Parinarium insularum, 48. 19. Pittosforum rutyfidocardum, 233 Parinarium insularum, 49. 20. Didynochton Richit, 240 55. Parinarium insularum, 49. 21. Hiftage myrrifolia, 260 56. Rubus Hawaiensis, 50. 22. Alphitonia prandulodes, 279 57. Rubus Magraet, 50. 23. Cattla Vitiensis, 228 58. Eugenia Righti, 51. 24. Perrottetta Sandwicensis, 293 60. Eugenia rarifora, 514. 25. Liex Vitiensis, 295 Nelithis fruitcola, 54. 26. Byronia Tattersis, 297 61. Eugenia Amicorum, 52. 27. Pieucottetain Sandwicensis, 297 61. Eugenia Amicorum, 52. 28. Rivytidandra Vitiensis, 304 62. Eugenia Amicorum, 52. 29. Geranium mutattegrum, 314 64. Eugenia Amicorum, 52. 30. Geranium alutitegrum, 314 64. Eugenia Amicorum, 52. 31. Geranium arrotten, 314 64. Eugenia Amicorum, 52. 32. Agronychia retridata, 344 14. 33. Acronychia retridata, 345 14. 34. Acronychia retridata, 350 8. 35. Rubus Magraet, 55. 36. Acronychia retridata, 350 8. 37. Acronychia retridata, 350 8. 38. Acronychia retridata, 350 8. 39. Byronium arrotten, 316 36. 30. Granychia retridata, 350 8. 30. Granychia retridata, 350 8. 30. Granychia retridata, 350 8. 31. Geranychia retridata, 350 8. 32. Acronychia retridata, 350 8. 33. Acronychia retridata, 350 8. 34. Acronychia	11.	,										45.	N 70
12. Hiriscus Brackernder, 176 47. Streptodemia Canescens, 44. 13. Fermans diversificala, 186 48. Strongylodon ruber, 44. 14. Diclidocarpus Richit, 202 49. Strongylodon nacrobothys, 44. 15. Deltocarpus Richit, 208 50. Vigna Sandwicensis, 46. 16. Discostigala Vitiense, 217 51. Apzeila biluda, 44. 17. Pittosporum Brackennidger, 226 53. Pongamia Glabba, 45. 17. Pittosporum Brackennidger, 226 53. Pongamia Glabba, 45. 18. Pittosporum tobiroders, 227 Acaga Richit, 48. 19. Pittosporum confertiflorum, 233 Parinarium; Margarata, 49. 19. Pittosporum confertiflorum, 233 Parinarium; Margarata, 49. 20. Didysochiton Richit, 240 55. Parinarium insularum, 49. 21. Hiltage myretifoder, 269 56. Ruber Marker, 50. 22. Alchitoonia zizythoodes, 279 57. Ruber Marker, 50. 23. Catha Vitlessis, 280 59. Eugenia Richit, 51. 24. Perrotetial Sandwicensis, 293 60. Eugenia ratificada, 51. 25. Leen Vitlessis, 295 Nelities from the conference of the Eugenia Brackenhidger, 52. 27. Pleuropetalon Sanderse, 302 Eugenia Brackenhidger, 52. 28. Rithtonia Sanderse, 302 Eugenia Brackenhidger, 52. 29. Geranium multiflorum, 312 63. Eugenia Corpetalon, 52. 29. Geranium multiflorum, 312 63. Eugenia Corpetalon, 52. 30. Geranium conference, 344 Luma Corpetalon, 52. 31. Geranium multiflorum, 312 63. Eugenia Corpetalon, 52. 32. Acronyciila Bretessi, 344 Luma Corpetalon, 52. 33. Acronyciila Betergoliylla, 344 Luma Corpetalon, 52. 34. Acronyciila Betergoliylla, 344 Luma Corpetalon, 52. 34. Acronyciila Betergoliylla, 344 Luma Corpetalon, 54. 34. Acronyciila Betergoliylla, 359 68. Burgolius Richita, 54. 34. Acronyciila Betergoliylla, 359 68. Burgolius Richita, 54. 350 67. Acronyciila Betergoliylla, 351 67. Acronyciila Betergoliylla, 352 67. Acronyciila Betergoliylla, 354. 350 68. Burgolius Betergoliylla, 357 67. Acronyciila Betergoliylla, 359 68. Burgolius Betergoliylla, 354. 351 Acronyciila Betergoliylla, 359 68. Burgolius Betergoliylla, 351 67. Acronyciila Betergoliylla, 359 68. Burgolius Betergoliylia, 359 67. Acronyciila Betergoliylla, 350 67. Acronyciila Betergo													A
13. Firmiana diversifolia, 186 48. Strongylodon Ruber, 44. 14. Dicladocardus Richii, 202 49. Strongylodon Ruber, 44. 15. Deaytonia Rubhouda, 208 50. Viora Sardovicensis, 44. 16. Discostigma Vithense, 217 51. Apzella Bijuga, 46. 17. Pittosporum Brackenridgei, 226 53. Pongamia Gladra, 45. 18. Pittosporum todiroldes, 227 Acacta Richii, 48. 19. Pittosporum rivytiocarpum, 229 54. Painamium insularum, 48. 19. Pittosporum conferdiforum, 233 Parinamium ? Margarata, 49. 20. Didysochiton Richii, 240 55. Painamium insularum, 49. 21. Hiptage nyrtifolia, 269 56. Rubus Hawaiensis, 50. 22. Alphitonia zizythoides, 279 57. Ruber Maclei, 50. Alphitonia firangulodes, 281 58. Eugeria Richii, 51. 23. Cayla Vitensis, 293 60. Eugeria Richii, 51. 24. Pearottetia Sardwicensis, 293 60. Eugeria Richii, 51. 25. Ilex Vitiensis, 295 Nelitiris Fruticosa, 54. Byronia Tartense, 302 Eugeria Rarficona, 522. 28. Rilytidandra Vitiensis, 304 62. Eugeria Amicoum, 522. 29. Geranium multiflorum, 312 63. Eugenia confertiflorum, 522. 30. Geranium multiflorum, 314 64. Eugenia confertiflorum, 522. 31. Geranium overatum, 314 64. Eugenia confertiflorum, 522. 32. Acronychia heterophylla, 334 Luma odfusa, 544 33. Acronychia heterophylla, 337 67. Accatafytis syntoides, 533 34. Acronychia referea.	12.												
14. Diclidocarpus Richit, 202 49. Strongylodox Macrobothys, 44. 15. Draytonia Rubicunda, 208 50. Vigna Sandwicensis, 46. 16. Discosticma Vitiense, 217 51. Azzelia biduoa, 44. 17. Puttosporum Kuridocarpus, 246 52. Cynometra grandia gladbifora, 47. 17. Puttosporum tobiroides, 227 Acagia Richit, 48. 18. Puttosporum hivitdocarpus, 229 54. Parinarium insularum, 48. 19. Puttosporum hivitdocarpus, 233 Parinarium insularum, 49. 19. Puttosporum confertiflorum, 233 Parinarium laurinum, 49. 20. Dudynochiton Richit, 240 55. Reubus Hawaidnsis, 50. 21. Hutage symptholia, 226 56. Reubus Hawaidnsis, 50. 22. Alphitonia zizyproides, 279 57. Rubus Magrel, 50. Alphitonia prandiculopes, 281 58. Eugenia Richit, 51. 23. Catha Vitiensis, 289 59. Eugenia Richit, 51. 24. Perrottetia Sandwicensis, 203 60. Eugenia rarrifora, 54. 25. Liek Vitiensis, 208 Nelltris Putticosa, 54. 26. Byronia Tattensis, 209 61. Eugenia Rarrifora, 52. 27. Pleuropetalon Sandwicensis, 207 61. Eugenia Rarrifora, 52. 28. Rutytdandea Vitiensis, 304 62. Eugenia Rockerridgei, 52. 29. Geranium multiflorum, 312 63. Eugenia Rudesch, 52. 20. Eugenia Rudesch, 52. 20. Geranium deberum, 314 64. Eugenia Confertiflora, 52. 30. Geranium ovatifolium, 315 65. Eugenia Rucher, 53. 31. Geranium arberbum, 314 64. Eugenia Culsification, 52. 32. Acronychia heterophylla, 334 Acronychia heterophylla, 336 Luma Chreken, 533 33. Acronychia heterophylla, 336 Luma Chreken, 533 34. Acronychia returns, 350 Eugenia Culsification, 534 34. Acronychia returns, 350 Eugenia Culsification, 535 350 Eugenia Culsification, 536 Eugenia Culsification, 536 34. Acronychia returns, 336 Luma Currefolia, 538 34. Acronychia returns, 350 Eugenia Culsification, 530 350 Eugenia Culsification, 536 Eugenia Culsif									•				
15. Draytonia Rubicunda, 208 50. Vigna Sandwichnis, 448 16. Discostigma Vitiense, 217 51. Apzelia biluga, 408 Vayæa Amicorum, 246 52. Otnometra grandfelora, 477 17. Pittosporum Brackenilogii, 226 53. Pongania Glabria, 458 18. Pittosporum Brackenilogii, 229 54. Parinarium insularum, 488 19. Pittosporum confertiflorum, 233 Parinarium insularum, 490 20. Didymochitor Richii, 240 55. Parinarium laurinum, 490 21. Hiptage myriffolia, 266 56. Rubus Hawairisis, 50 22. Alphitonia zizyproides, 279 57. Rubus Macrel, 50 23. Catha Vitiensis, 280 59. Eugenia Richii, 51 24. Perrottetia Sandwicensis, 293 60. Eugenia rariflora, 514 25. Liex Vitiensis, 295 Neltheris Vitiensis, 548 26. Byronia Sandwicensis, 207 61. Eugenia Arriflora, 528 27. Pleuropetalon Samoense, 302 304 62. Eugenia Amicorum, 522 28. Rhytidandra Vitiensis, 304 62. Eugenia Amicorum, 526 29. Geranium ulutiflorum, 312 63. Eugenia Confuncian, 526 30. Geranium cuneatum, 314 64. Eugenia Confuncian, 528 31. Geranium arborolum, 315 65. Eugenia Confuncian, 528 32. Acronychia heterophylla, 334 64. Eugenia Corvnocarpa, 528 33. Acronychia heterophylla, 334 638 Luma Correæfolia, 534 34. Acronychia heterophylla, 335 67. Accoalytity surroides, 536 38. Macrotychia retiolaris, 536 Luma Correæfolia, 548 34. Acronychia heterophylla, 337 67. Accoalytity surroides, 538 34. Acronychia heterophylla, 339 67. Accoalytity surroides, 538 34. Acronychia retiolaris, 336 Luma correæfolia, 538 35. Acronychia retiolaris, 336 Luma correæfolia, 538 35. Acronychia retiolaris, 336 Luma correæfolia, 538 35. Acronychia retiolaris, 336 Luma correæfolia, 548 35. Acronychia retiolaris, 336 Luma correæfolia, 548 36. Acronychia retiolaris, 338 Luma correæfolia, 548 37. Acronychia retiolaris, 338 Luma													
16. Discostigma Vitiense, 217 51. Afzelia biuga, 40													77
Vayæa Amicorum, 246 52. Cynometra grandiflora, 447						•							1
17. Pittosporum Brackenridgel, 226 53. Pongamia Glabra, 45.	20.	77	•				,	•		Ī			(7
PITTOSPORUM TOBIROIDES, 227 ACACIA RICIII, 38 18. PITTOSPORUM RHYTIDOCARPUM, 229 54. PARINARIUM INSULARUM, 48 19. PITTOSPORUM CONFERTIFLORUM, 233 PARINARIUM? MARGARATA, 49 20. DIDYNOCHITON RICHII, 240 55. PARINARIUM LAURINUM, 49 21. HIPTAGE MYRTIFOLIA, 269 56. RUBUS HAWAIENSIS, 50 22. ALPHITONIA ZIZYPHOIDES, 279 57. RUBUS MACREH, 50 ALPHITONIA FRANGULOIDES, 281 58. EUGENIA RICHII, 51 23. CATHA VITENSIS, 289 69. EUGENIA NEUROCALYX, 512 24. PERROTTETIA SANDWICENSIS, 293 60. EUGENIA NEUROCALYX, 514 25. ILEX VITENSIS, 295 NELITRIS FRUTICOSA, 544 BYRONIA TAITENSIS, 297 61. EUGENIA BRACKENRIDGEI, 522 27. PLEUROPETALON SANDENSE, 302 EUGENIA AMICORUM, 522 28. RHYTIDANDRA VITENSIS, 304 62. EUGENIA AMICORUM, 522 29. GERANIUM CUNEATUM, 312 63. EUGENIA RUBESCENS, 520 GERANIUM CUNEATUM, 314 64. EUGENIA CONFERTIFLORA, 522 30. GERANIUM CUNEATUM, 315 65. EUGENIA CUSLEFICIA, 522 31. GERANIUM OVATIFOLIUM, 316 66. LUMA CHEKEN, 539 32. ACRONYCHIA RIETHEN, 334 LUMA ODTUSA, 543 ACRONYCHIA RIETHEN, 336 LUMA CORRESPOLIA, 543 ACRONYCHIA RIETHEN, 337 67. ACICALYTISM SYRTOIDES, 533 44 ACRONYCHIA RIETHEN, 339 68. MERRORENERO SANDERS, 533 45 ACRONYCHIA RIETHEN, 337 67. ACICALYTISM SYRTOIDES, 533	17	<i>'</i>				•			•				D
18. Pittosporum rinytidocarpum, 229 54. Parimarium insularum, 48 19. Pittosporum confertiflorum, 233 Parimarium insularum, 49 20. Didymochiton Richii, 240 55. Parimarium laurium, 49 21. Hiptage myrtifolia, 269 56. Rubus Hawaiensis, 50 22. Alphitonia zizyphoides, 279 57. Rubus Magræi, 50 Alphitonia franculoides, 281 58. Eugenia Richii, 51 23. Catha Vitiensis, 289 59. Eugenia neurocalyx, 51 24. Perrottetia Sandwicensis, 293 60. Eugenia rarifora, 51 25. Liex Vitiensis, 295 Nelitris fruticosa, 54 Byronia Tatiensis, 296 Nelitris vitiensis, 54 26. Byronia Tantensis, 297 61 Eugenia Brackenridei, 52 27. Pleurofetalon Samoense, 302 Eugenia Rubescens, 52 28. Riytidandra Vitiensis, 304 62 Eugenia Rubescens, 52 29. Geranium multiflorum, 312 63 Eugenia Rubescens, 52 30. Geranium cuneatum, 314 64 Eugenia Confroncapa, 52 31. Geranium arrothum arrothum, 314 64 Eugenia Confroncapa, 52 32. Acronychia reterophylla, 334 Luma ortusa, 54 33. Acronychia return, 336 Luma corresponda, 54 34. Acronychia return, 337 67. Accianterium syrroides, 533 34. Acronychia return, 337 67. Accianterium syrroides, 533 35. Acronychia return, 337 67. Accianterium syrroides, 533 34. Acronychia return, 337 67. Accianterium syrroides, 533 35. Acronychia return, 337 67. Accianterium syrroides, 533 36. Acronychia return, 337 67. Accianterium syrroides, 533 36. Acronychia return, 337 67. Accianterium syrroides, 533 36. Acronychia return, 337 67. Accianterium syrroides, 533 37. Acronychia return, 337 67. Accianterium syrroides, 533 38. Acronychia return, 337 67. Accianterium	11.		,				,			•		99,	1
19. Pittosforum confertiflorum, 233 Parinarium? Margarata, 490 20. Didymochiton Richii, 240 55. Parinarium Laurinum, 449 21. Hiptage myrtifolia, 269 56. Rubus Hawaiensis, 50 22. Alphitonia zizyphoides, 279 57. Rubus Macræi, 50 Alphitonia franguloides, 281 58. Eugenia Richii, 51 23. Catha Vitiensis, 289 59. Bugenia neurocaliyx, 512 24. Perrottetia Sandwicensis, 293 60. Eugenia rarifora, 514 25. Liex Vitiensis, 295 Nelitris fruticosa, 544 Byronia Taitensis, 298 Nelitris vitiensis, 544 26. Byronia Sandwicensis, 297 61. Eugenia Brackenridgei, 522 27. Pleuropetalon Sandense, 302 Eugenia Confertiflora, 526 28. Riytidandra Vitiensis, 304 62. Eugenia Rubescens, 526 29. Geranium multiflorum, 312 63. Eugenia rubescens, 526 30. Geranium cuneatum, 314 64. Eugenia confertifloia, 526 31. Geranium darboieum, 316 66. Luma Cheken, 539 32. Acronychia heterophylla, 334 Luma odtusa, 542 33. Acronychia petibaa 337 67. Acicalyptus myroides, 533 34. Acronychia refusa. 337 67. Acicalyptus myroides, 533 34. Acronychia refusa. 337 67. Acicalyptus myroides, 533 34. Acronychia refusa. 339 68. Mericolibroscenses. 330 34. Acronychia refusa. 337 67. Acicalyptus myroides, 533 34. Acronychia refusa. 339 68. Mericolibroscenses. 330 34. Acronychia refusa. 337 67. Acicalyptus myroides, 533 34. Acronychia refusa. 339 68. Mericolibroscenses. 330 34. Acronychia refusa. 337 67. Acicalyptus myroides, 338 35. Acronychia refusa. 339 68. Mericolibroscenses. 330 36. Mericolibroscenses. 330 37. Acronychia refusa. 337 67. Acicalyptus myroides, 338 38. Acronychia refusa. 339 68. Mericolibroscenses. 330 38. Mericolibroscenses. 330 38. Mericolibroscenses. 330 38. Mericolibroscenses. 330 39. Mericolibroscenses. 330 30. Mericolibroscenses. 330 30. Mericolibroscenses. 330 30. Mericolibroscenses. 330 30. Merico	19			•					•			E 4	D
20. Didymochiton Richii, 240 55. Parnarium Laurinum, 49 21. Hiptage myrtifolia, 269 56. Rubus Hawaiersis, 50 22. Alphitonia zizyphoides, 279 57. Rubus Macrai, 50 Alphitonia franguloides, 281 58. Eugenia Richii, 51 23. Catha Vitiensis, 289 59. Eugenia neurocalyx, 51 24. Perrottetia Sandwicensis, 293 60. Eugenia rarifora, 51 25. Ilex Vitiensis, 295 Nelitris fruticosa, 54 Byronia Taitensis, 298 Nelitris fruticosa, 54 Byronia Sandwicensis, 297 61. Eugenia Brackenridgei, 52 27. Pleuropetalon Samoense, 302 Eugenia confertiflora, 526 28. Rhytidandra Vitiensis, 304 62. Eugenia Amicorum, 526 Geranium multiflorum, 312 63. Eugenia Rubescens, 526 Geranium cuneatum, 314 64. Eugenia rubescens, 526 30. Geranium cuneatum, 315 65. Eugenia culsificolia, 523 31. Geranium arboreum, 316 66. Luma Cheken, 530 32. Acronychia heterophylla, 334 Luma obtusa, 542 33. Acronychia heterophylla, 336 Luma correction, 533 Acronychia heterophylla, 337 67. Accolypunda Richii, 533 Acronychia retisa. 336 Acronychia retisa. 337 67. Accolypunda Richii, 533 Acronychia retisa. 339 34. Acronychia retisa. 330 35. Myrtifoldes, 553										•		04.	T)
21. Hiptage myrtifolia, 269 56. Rubus Hawaiensis, 50 22. Alphitonia zizypholdes, 279 57. Rubus Magræl, 50 Alphitonia franguloides, 281 58. Eugenia Right, 51 23. Catha Vitiensis, 289 59. Eugenia neurocalyx, 51 24. Perrottetia Sandwicensis, 293 60. Eugenia rarifora, 51 25. Ilex Vitiensis, 295 Nelitris fruticosa, 54 Byronia Tattensis, 298 Nelitris Vitiensis, 54 26. Byronia Sandwicensis, 297 61. Eugenia Brackenridgei, 52 27. Pleuropetalon Samoense, 302 Eugenia confertiflora, 526 28. Rhytidandra Vitiensis, 304 62. Eugenia muescens, 526 29. Geranium multiflorum, 312 63. Eugenia rubescens, 526 Geranium cuneatum, 314 64. Eugenia conyocarpa, 528 30. Geranium ovatifolium, 315 65. Eugenia cuiscefolia, 520 31. Geranium arboreum, 316 66. Luma Cheken, 530 32. Acronychia hetteophylla, 336 Luma obtusa, 542 33. Acronychia hetteophylla,			, .		•				•			E 2	T)
22. Alphitonia zizyphoides, 279 57. Rubus Macræi, 50 Alphitonia franguloides, 281 58. Eugenia Richii, 51 23. Catha Vitiensis, 289 59. Eugenia neurocalyx, 51 24. Perrottetia Sandwicensis, 293 60. Eugenia rritora, 51 25. Ilex Vitiensis, 295 Nelitris fruticosa, 54 Byronia Tattensis, 298 Nelitris Vitiensis, 54 26. Byronia Sandwicensis, 297 61. Eugenia Brackenridgei, 52: 27. Pleuropetalon Samoense, 302 Eugenia Confertiflora, 52: 28. Rhytidandra Vitiensis, 304 62. Eugenia Confertiflora, 52: 29. Geranium multiflorum, 312 63. Eugenia Rubescens, 52: Geranium cuneatum, 314 64. Eugenia corynocarpa, 52: 30. Geranium cuneatum, 315 65. Eugenia culsiæfolia, 52: 31. Geranium arboreum, 316 66. Luma Cheken, 530 32. Acronychia heterophylla, 334 Luma correeffolia, 543 Acronychia petilaris, 336 Luma correeffolia, 543 Acronychia rethea			•					•					
ALPHITONIA FRANGULOIDES, 281 58. EUGENIA RIGHII, 51 23. CATHA VITIENSIS, 289 59. EUGENIA NEUROCALYX, 512 24. PERROTTETIA SANDWICENSIS, 293 60. EUGENIA RARIFLORA, 514 25. ILEX VITIENSIS, 295 NELITRIS FRUTICOSA, 544 BYRONIA TATENSIS, 298 NELITRIS VITIENSIS, 544 26. BYRONIA SANDWICENSIS, 297 61. EUGENIA BRACKENRIDGEI, 522 27. PLEUROPETALON SAMOENSE, 302 EUGENIA CONFERTIFLORA, 524 28. RHYTIDANDRA VITIENSIS, 304 62. EUGENIA AMICORUM, 522 29. GERANIUM MULTIFLORUM, 312 63. EUGENIA AMICORUM, 524 GERANIUM CUNEATUM, 314 64. EUGENIA CONFERDIA, 528 30. GERANIUM CUNEATUM, 315 65. EUGENIA CUNSUCARPA, 528 31. GERANIUM OVATIFOLIUM, 316 66. LUMA CHEKEN, 539 32. ACRONYCHIA HETEROPHYLLA, 384 LUMA COBENSE, 542 ACRONYCHIA PETILOLARIS, 366 LUMA CORREÆFICILA, 543 ACRONYCHIA RICHII, 337 67. ACICALYPTUS MYRTOIDES, 553									•				,
23. Catha Vitiensis, 289 59. Eugenia neurocalyx, 51 24. Perrottetia Sandwicensis, 293 60. Eugenia rariflora, 51 25. Ilex Vitiensis, 295 Nelitris fruticosa, 54 Byronia Taitensis, 298 Nelitris Vitiensis, 54 26. Byronia Sandwicensis, 297 61. Eugenia Brackenridgei, 52 27. Pleuropetalon Samoense, 302 Eugenia confertiflora, 52 28. Rhytidandra Vitiensis, 304 62. Eugenia Amicorum, 52 29. Geranium multiflorum, 312 63. Eugenia rubescens, 52 Geranium cuneatum, 314 64. Eugenia corynocarpa, 528 30. Geranium ovatifolium, 315 65. Eugenia clusiæfolia, 52 31. Geranium arboreum, 316 66. Luma Cheken, 530 32. Acronychia heterophylla, 334 Luma obtusa, 542 33. Acronychia Petiolaris, 336 Luma correæfolia, 543 Acronychia Richhi, 337 67. Acicalyptus myrtoides, 553	£ £ .		,										, , , , , , , , , , , , , , , , , , , ,
24. Perrottetia Sandwicensis, 293 60. Eugenia rariflora, 510 25. Ilex Vitiensis, 295 Nelitris fruticosa, 540 Byronia Taitensis, 298 Nelitris Vitiensis, 540 26. Byronia Sandwicensis, 297 61. Eugenia Brackerridgei, 522 27. Pleuropetalon Samoense, 302 Eugenia confertiflora, 526 28. Rhytidandra Vitiensis, 304 62. Eugenia Amicorum, 526 29. Geranium multiflorum, 312 63. Eugenia rubescens, 526 Geranium cuneatum, 314 64. Eugenia corynocarpa, 528 30. Geranium ovatifolium, 315 65. Eugenia clusiæfolia, 529 31. Geranium arboreum, 316 66. Luma Cheken, 530 32. Acronychia heterophylla, 334 Luma obtusa, 542 33. Acronychia petiolaris, 336 Luma correæfolia, 543 Acronychia Richii, 337 67. Acicalyptus myrtoides, 553 34 Arbonychia refusa. 330 68. Myrtopyrus myrtoides, 553	09	,							•				
25. Ilex Vitiensis, 295 Nelitris fruticosa, 544 Byronia Taitensis, 298 Nelitris Vitiensis, 546 26. Byronia Sandwicensis, 297 61. Eugenia Brackenridgei, 522 27. Pleuropetalon Samoense, 302 Eugenia confertiflora, 526 28. Rhytidandra Vitiensis, 304 62. Eugenia Amicorum, 526 29. Geranium multiflorum, 312 63. Eugenia rubescens, 526 Geranium cuneatum, 314 64. Eugenia corynocarpa, 528 30. Geranium ovatifolium, 315 65. Eugenia cluslæfolia, 529 31. Geranium arboreum, 316 66. Luma Cheken, 530 32. Acronychia heterophylla, 334 Luma obtusa, 542 33. Acronychia petiolaris, 336 Luma correæfolia, 543 Acronychia Richii, 337 67. Acicalyptus myrtoides, 553 34. Acronychia retusa. 339 68. Merrocyphology returns 553		· ·		•									
Byronia Taitensis, 298 Nelitris Vitiensis, 548					•		•					60.	
26. Byronia Sandwicensis, 297 61. Eugenia Brackenridgei, 52: 27. Pleuropetalon Samoense, 302 Eugenia Confertiflora, 52: 28. Rhytidandra Vitiensis, 304 62. Eugenia Amicorum, 52: 29. Geranium multiflorum, 312 63. Eugenia rubescens, 52: Geranium cuneatum, 314 64. Eugenia corynocarpa, 52: 30. Geranium ovatifolium, 315 65. Eugenia cluslæfolia, 52: 31. Geranium arboreum, 316 66. Luma Cheken, 53: 32. Acronychia heterophylla, 384 Luma obtusa, 542 33. Acronychia petiolaris, 336 Luma correæfolia, 543 Acronychia Richii, 337 67. Acicalyptus myrtoides, 553 34. Acronychia retusa. 337 67. Acicalyptus myrtoides, 553	20.	· ·								•			
27. Pleuropetalon Samoense, 302 Eugenia confertiflora, 523 28. Rhytidandra Vitiensis, 304 62. Eugenia Amicorum, 526 29. Geranium multiflorum, 312 63. Eugenia rubesgens, 526 Geranium cuneatum, 314 64. Eugenia corynocarpa, 528 30. Geranium ovatifolium, 315 65. Eugenia clusiæfolia, 526 31. Geranium arboreum, 316 66. Luma Cheken, 539 32. Acronychia heterophylla, 334 Luma obtusa, 542 33. Acronychia petiolaris, 336 Luma correæfolia, 543 Acronychia Richii, 337 67. Acicalyptus myrtoides, 553 34. Acronychia retusa. 339 68. Metrocolypusos constant 553	0.0						٠		•				,
28. Rhytidandra Vitiensis, 304 62. Eugenia Amicorum, 526 29. Geranium multiflorum, 312 63. Eugenia rubescens, 526 Geranium cuneatum, 314 64. Eugenia corynocarpa, 528 30. Geranium ovatifolium, 315 65. Eugenia clusiæfolia, 529 31. Geranium arboreum, 316 66. Luma Cheken, 539 32. Acronychia heterophylla, 334 Luma obtusa, 542 33. Acronychia petiolaris, 336 Luma correæfolia, 543 Acronychia Richii, 337 67. Acicalyptus myrtoides, 553 34. Acronychia retusa. 339 68. Metrocolypusos constant										•		61.	
29. Geranium multiflorum, 312 63. Eugenia rubescens, 526 Geranium cuneatum, 314 64. Eugenia corynocarpa, 528 30. Geranium ovatifolium, 315 65. Eugenia clusiæfolia, 529 31. Geranium arboreum, 316 66. Luma Cheken, 539 32. Acronychia heterophylla, 334 Luma obtusa, 542 33. Acronychia petiolaris, 336 Luma correæfolia, 543 Acronychia Richhi, 337 67. Acicalyptus myrtoides, 553 34. Acronychia retusa, 339 68. Metrocylpusos granium		· ·			٠				•				
Geranium cuneatum, 314 64. Eugenia corynocarpa, 528 30. Geranium ovatifolium, 315 65. Eugenia clusiæfolia, 529 31. Geranium arboreum, 316 66. Luma Cheken, 539 32. Acronychia heterophylla, 334 Luma obtusa, 542 33. Acronychia petiolaris, 336 Luma correæfolia, 543 Acronychia Richhi, 337 67. Acicalyptus myrtoides, 553 34. Acronychia retusa, 339 68. Methocylpus geranium arboreum, 553								٠					, , , , , , , , , , , , , , , , , , , ,
30. Geranium ovatifolium,	29.				٠		٠						, , , , , , , , , , , , , , , , , , , ,
31. Geranium arboreum, 316 66. Luma Cheken, 539 32. Acronychia heterophylla, 334 Luma obtusa, 542 33. Acronychia petiolaris, 336 Luma correæfolia, 543 Acronychia Richii, 337 67. Acicalyptus myrtoides, 553 34. Acronychia retusa. 339 68. Metrocylphogogogogogogogogogogogogogogogogogogog	0.0			•						٠			
32. Acronychia heterophylla,		,	•				•						
33. Acronychia petiolaris,		· ·				•						66.	
ACRONYCHIA RICHII,					٠				•		1		. Ota
84 ACRONYCHIA RETUSA. 280 68 Memborthynol Carrent		·		•									. 010
34. Acronychia retusa,			•										
	34.	ACRONYCHIA RETUSA,		٠		•					339	68.	Metrosideros collina,

CONTENTS.

						PAGE	Da	Spiræanthemum Vitiense,							PAG
PLATE 69.	METROSIDEROS LUTEA, .				•	561		,		•					670
	METROSIDEROS RUGOSA, .					562	84.	WEINMANNIA ROSÆFOLIA,				•			673
70.	METROSIDEROS MACROPUS,					565	85.	WEINMANNIA PARVIFLORA, .		•					67
71.	MEMECYLON CALDERENSE, .					575		WEINMANNIA RICHII, .							67
72.						577	86.	GEISSOIS TERNATA,							686
1 44 .	ASTRONIA PICKERINGII,					579	87.	Broussaisia arguta, .							68
	ASTRONIDIUM PARVIFLORUM,					583	88.	SANICULA SANDWICENSIS, .							700
F0						585	89.	ARALIA VITIENSIS, .							710
	PLEIOCHITON CRASSIFOLIA,					590	90.	HEDERA GAUDICHAUDI, .							720
74.	CLIDEMIA CHÆTOCALYX,					*00	91.	HEDERA PLATYPHYLLA, .							72
75.	MEDINILLA HETEROPHYLLA, .						92.	REYNOLDSIA SANDWICENSIS,							
76.	HAPLOPETALON RICHII, .	•	•	•	•	610		, and the second			•		•		72
77.	Crossostylis biflora,				•	613	93.	REYNOLDSIA PLEIOSPERMA,		•		٠		•	720
78.	GUNNERA PETALOIDEA, .					631	94.	TETRAPLASANDRA HAWAIENSIS,			٠				729
79.	GUNNERA PETALOIDEA, .					631	95.	PLERANDRA PICKERINGII,	•			٠			730
	GUNNERA LOBATA, .					632	96.	Botryodendrum Taitense, .							73:
80.	SICYOS PACHYCARPUS, .					651	97.	BOTRYODENDRUM MACROPHYLLU	M,						738
	SICYOS MACROPHYLLUS, .					652	98.	LORANTHUS INSULARUM, .							739
	Sicyos cucumerinus.					653	99.	LORANTHUS MAYTENIFOLIUS,							739
	CDID THANKING SAMODNICE					669	100.	LORANTHUS CELASTROIDES.							74



Capellia biflora.



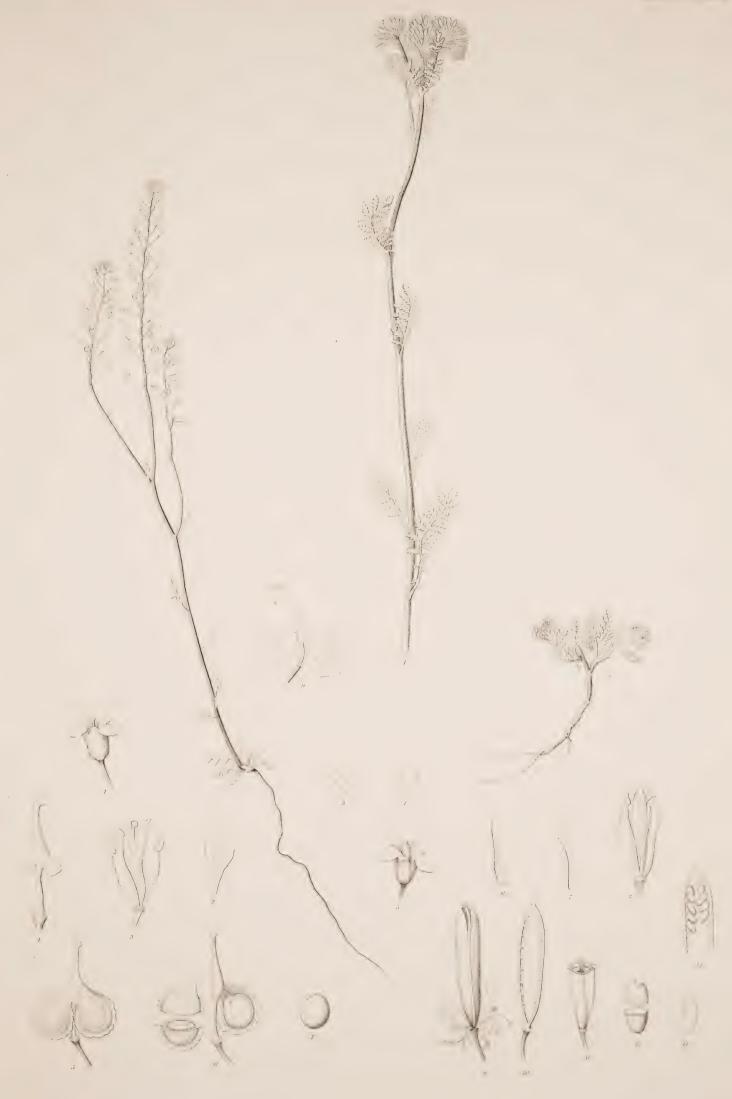


Sprague det.

Richella monosperma.

W. H Dongal Se.

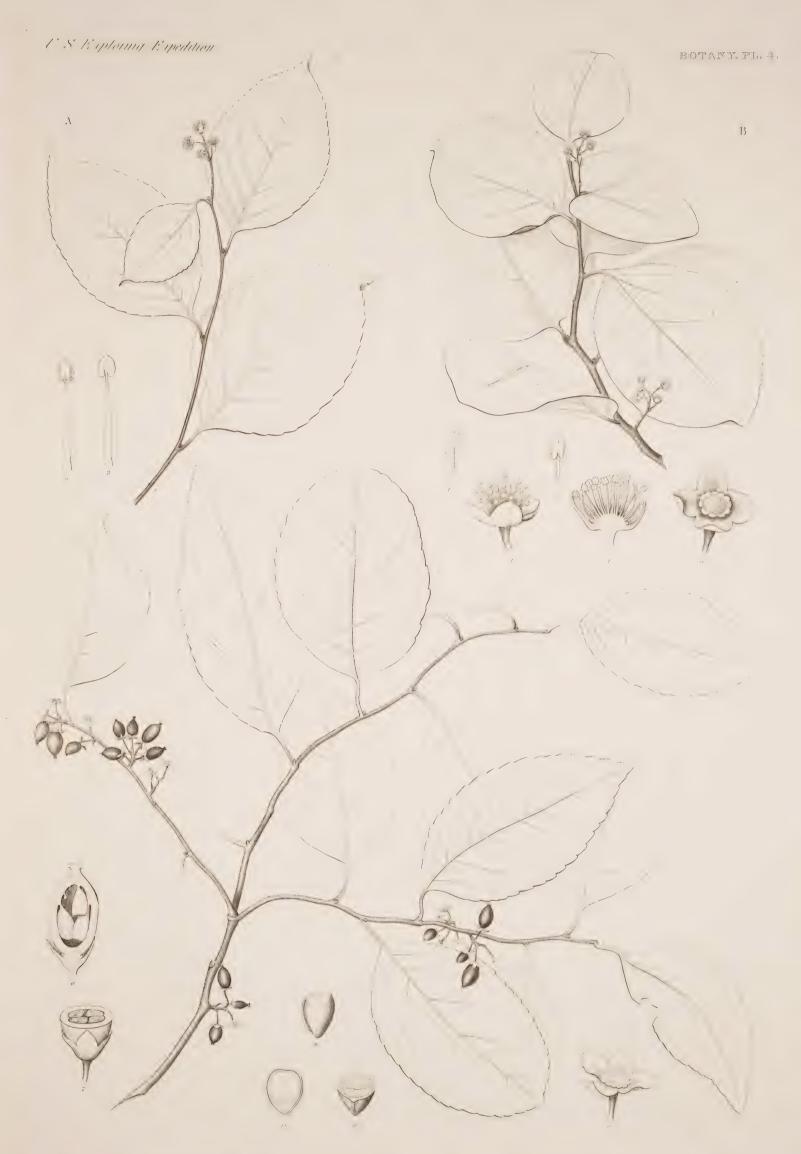




A. Cremolobus aphanopterus.

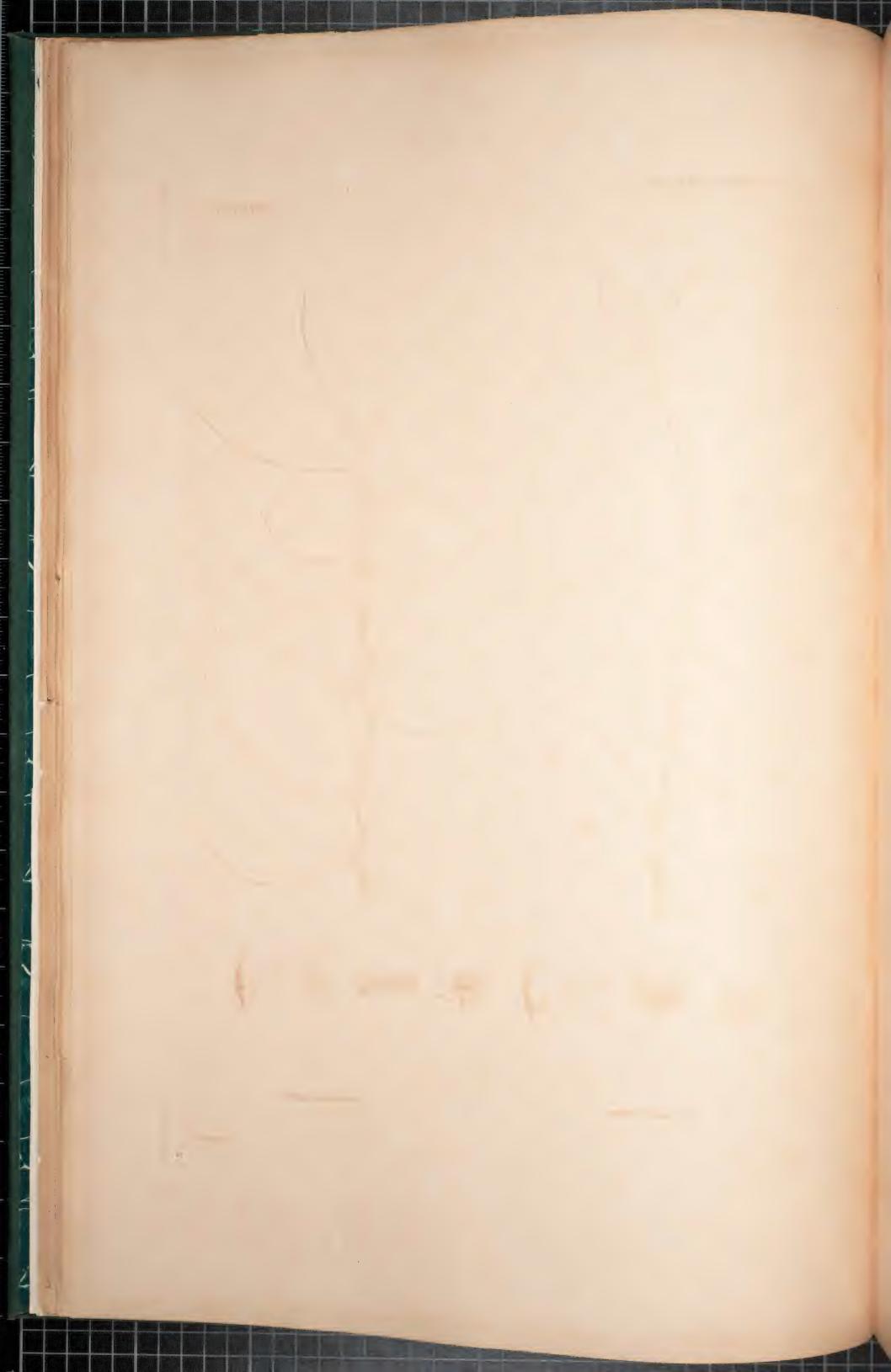
B. Sisymbrium athrocarpum.

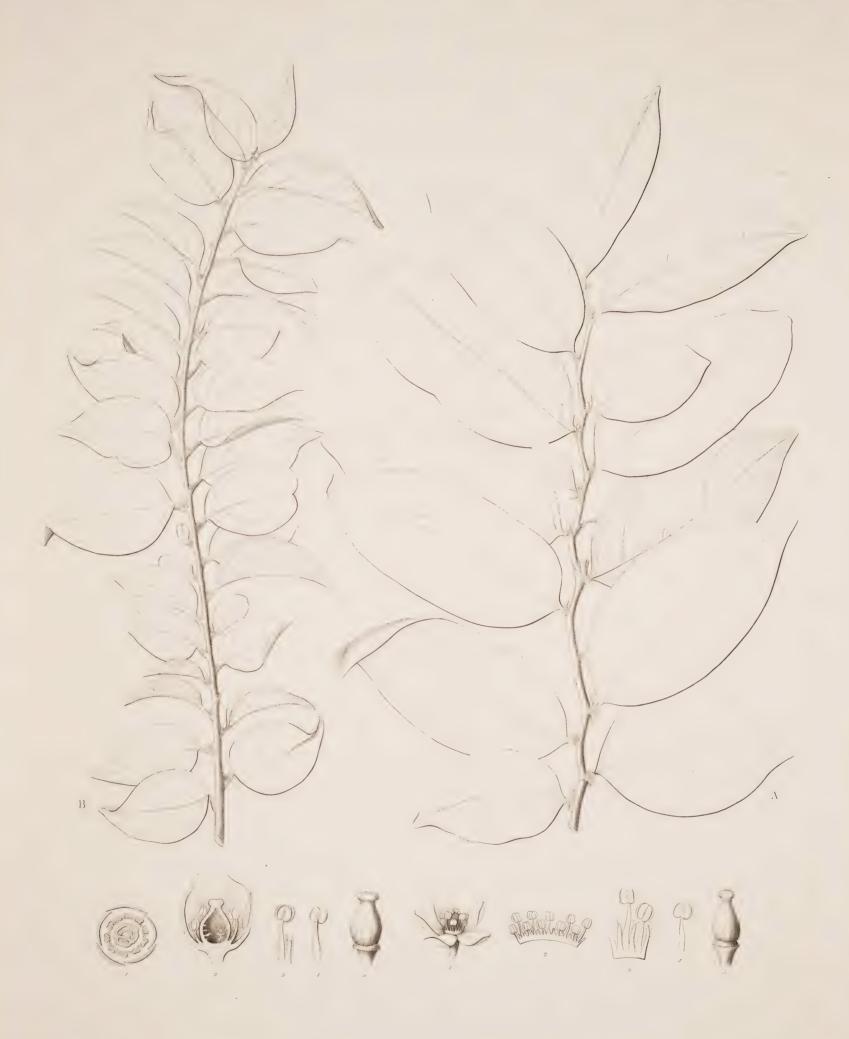




A. Xylosma suaveolens.

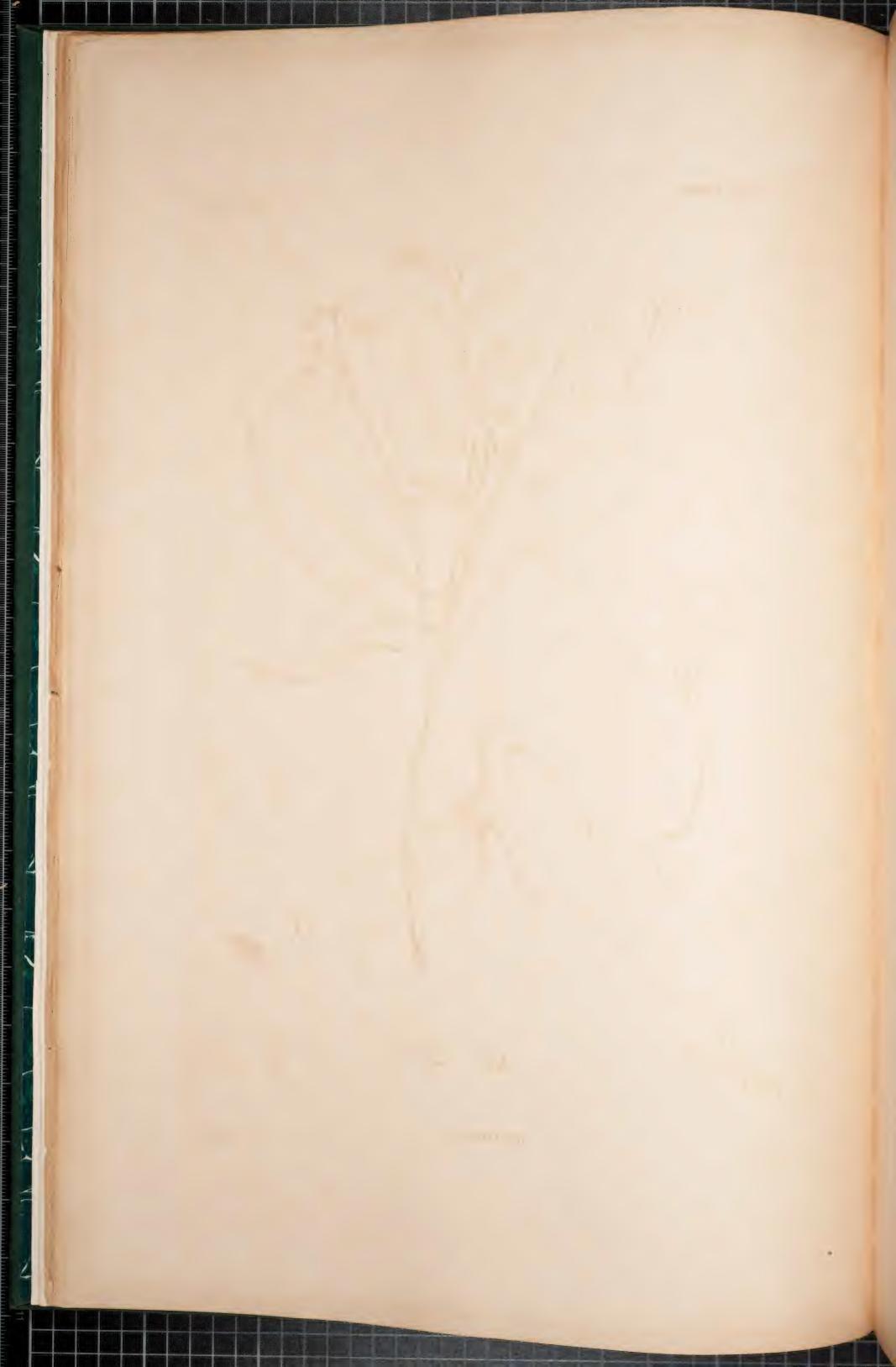
B. Xylosma orbiculatum.





B. Casearia Richii.

A. Casearia disticha.





Viola Chamissouiana.





Agatea violaris.



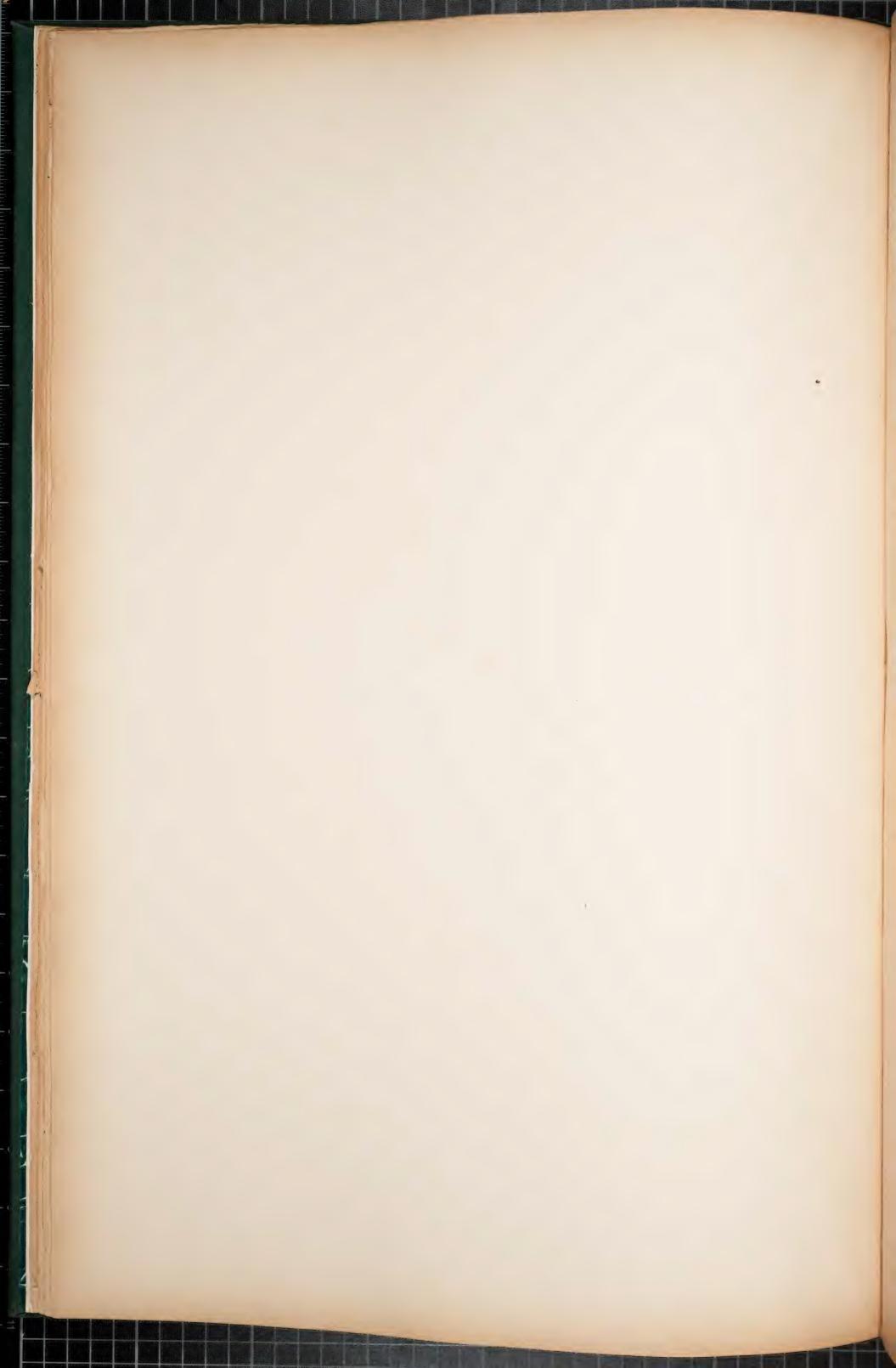


Isodendrion pyrirolium.





Isodendrion longiiolium.

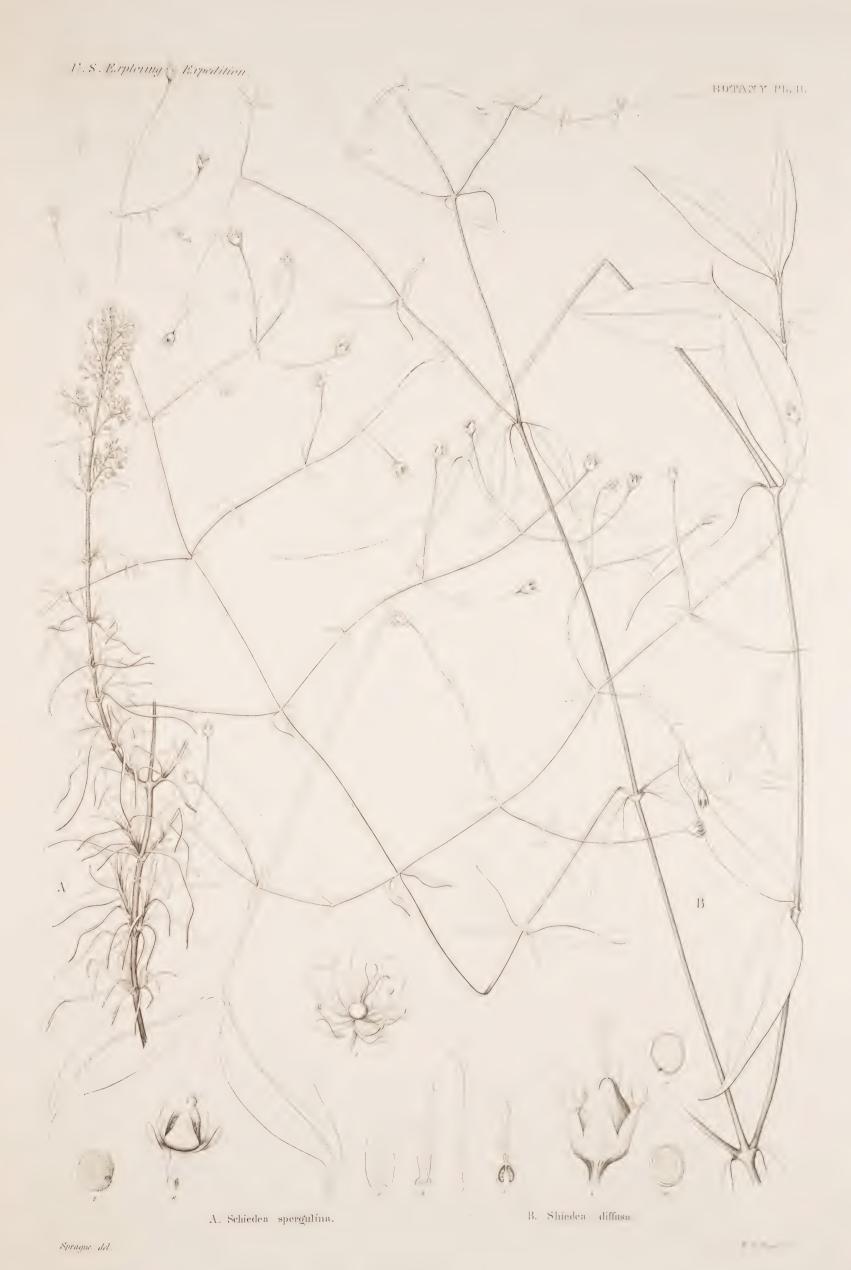




B . Silene lanccolata.

A. Silene struthioloides.

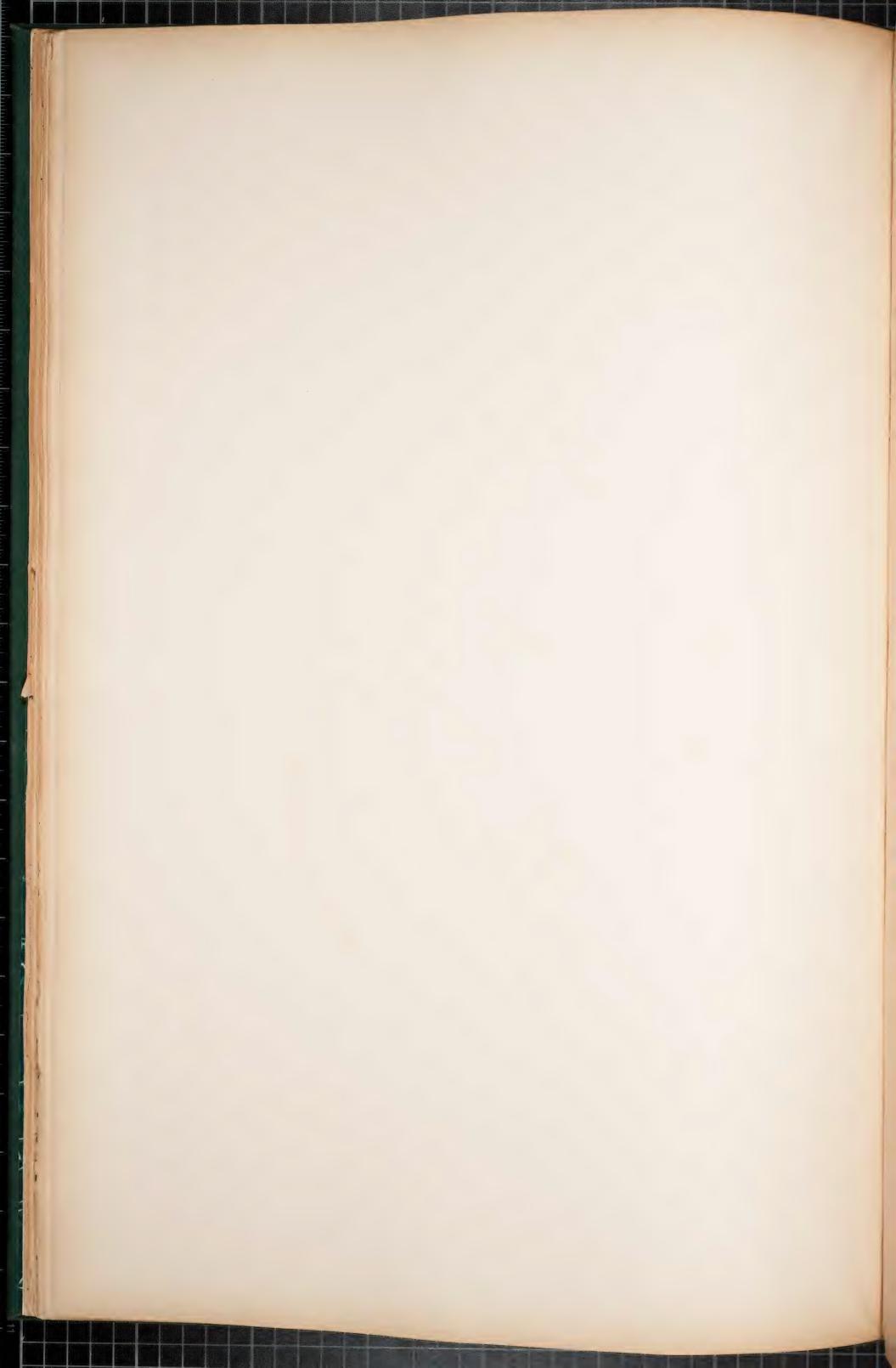








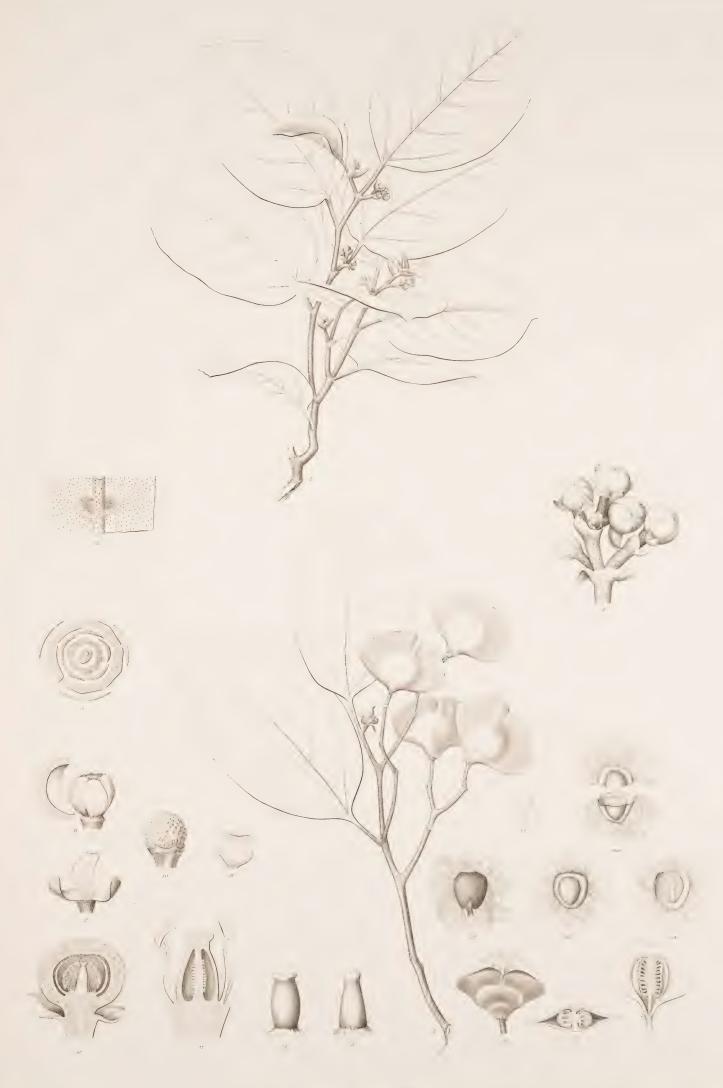
Hibiseus Brackenridgei.





Firmiana diversifolia.





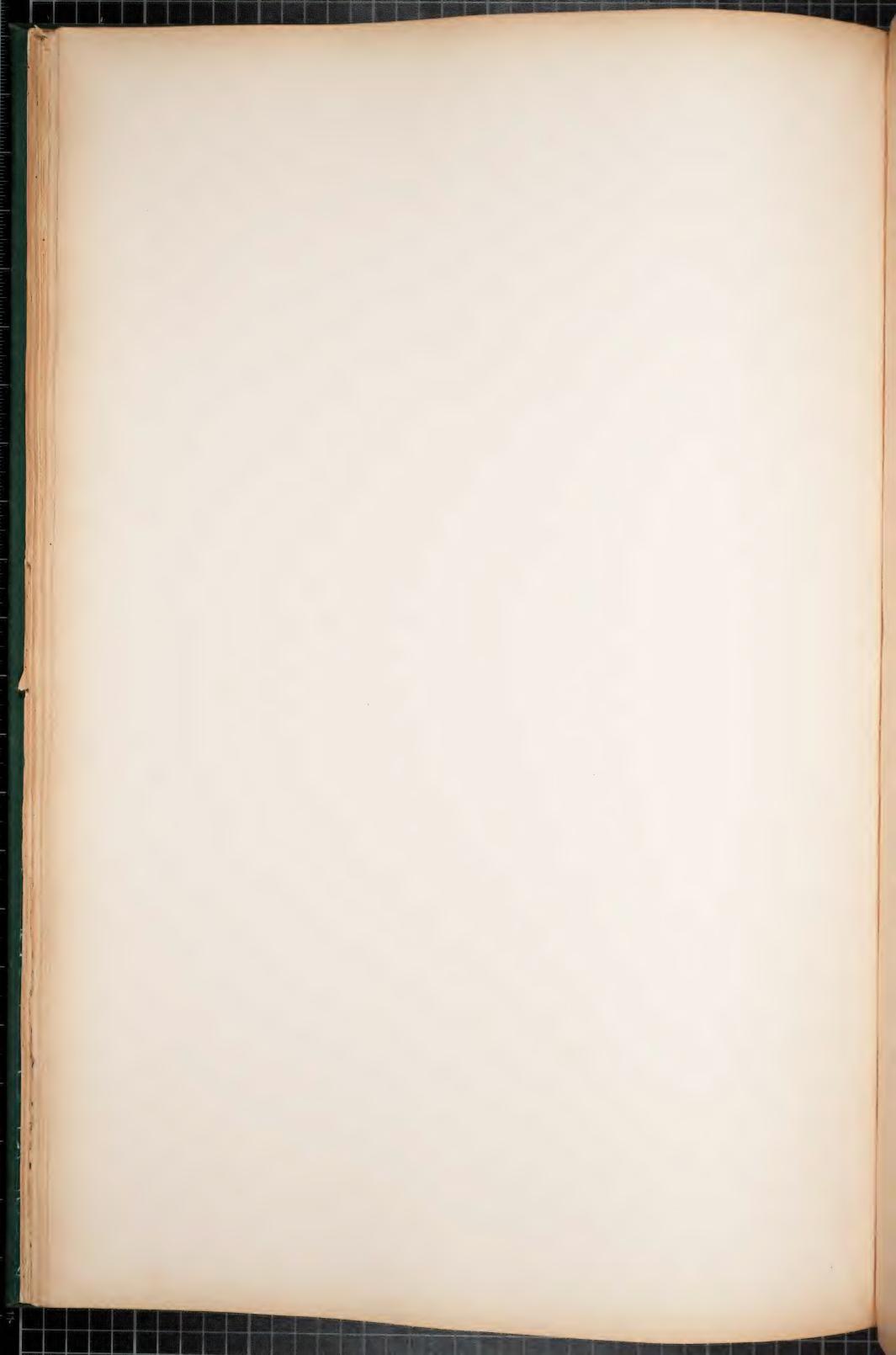
Dielidocarpus Richii.

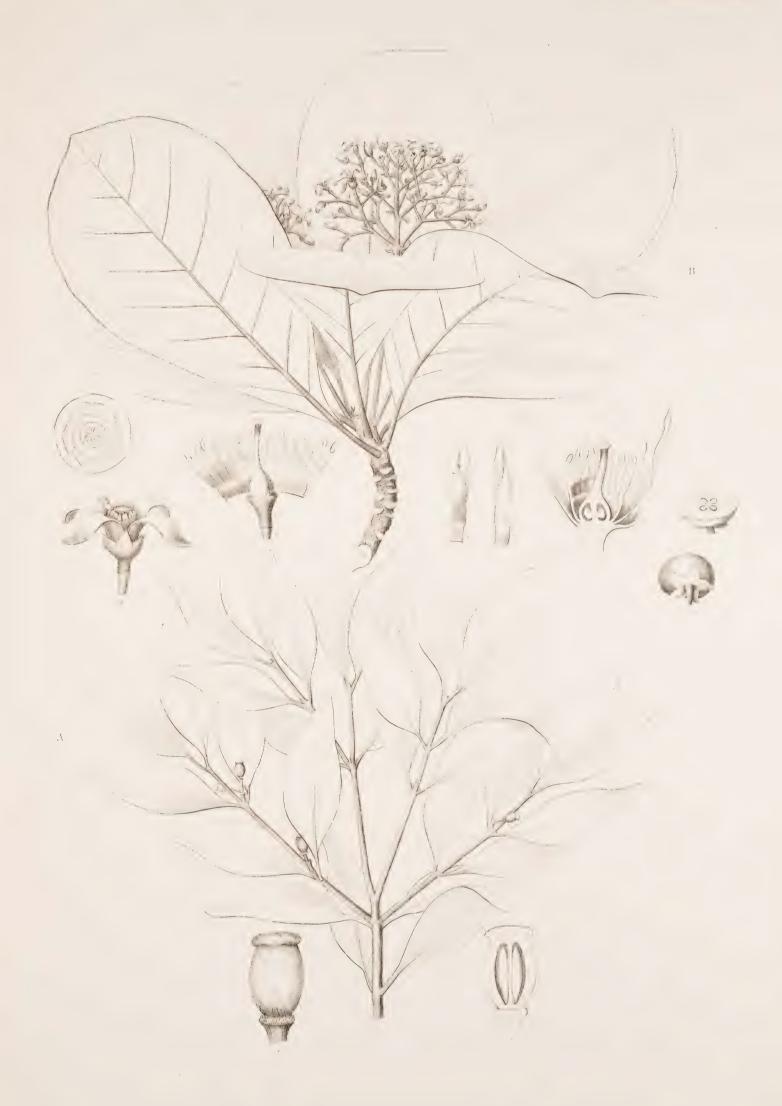
Stray ne anal. Preit.





Draytonia rubicunda.

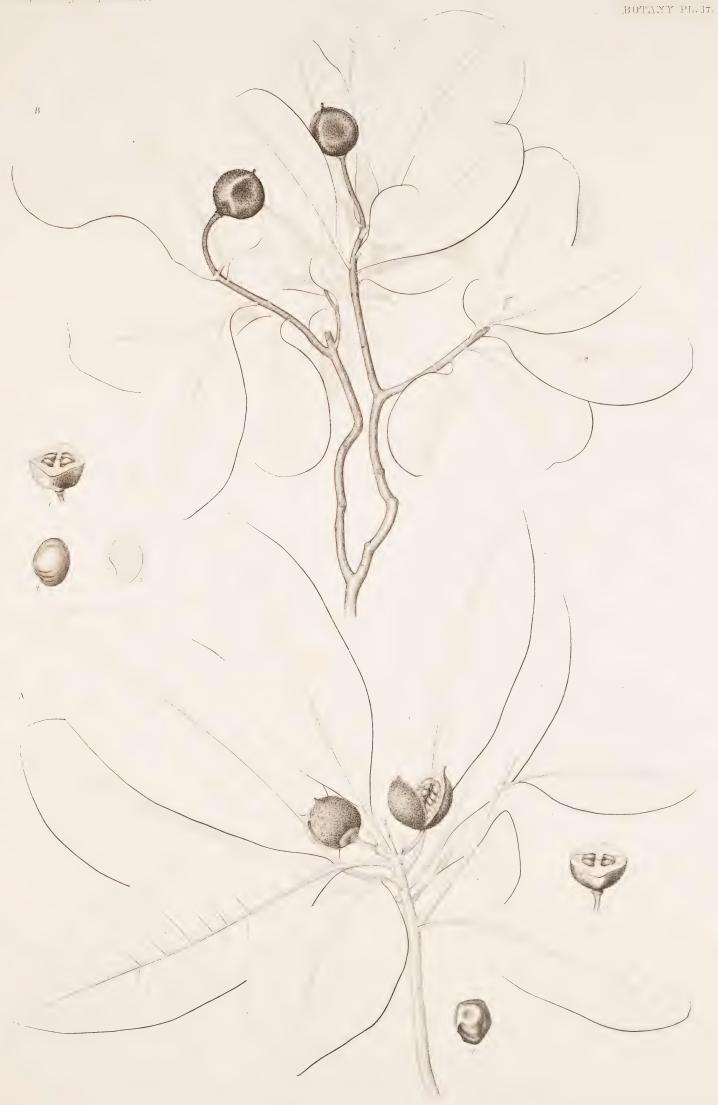




A. Discostigma Vitiense.

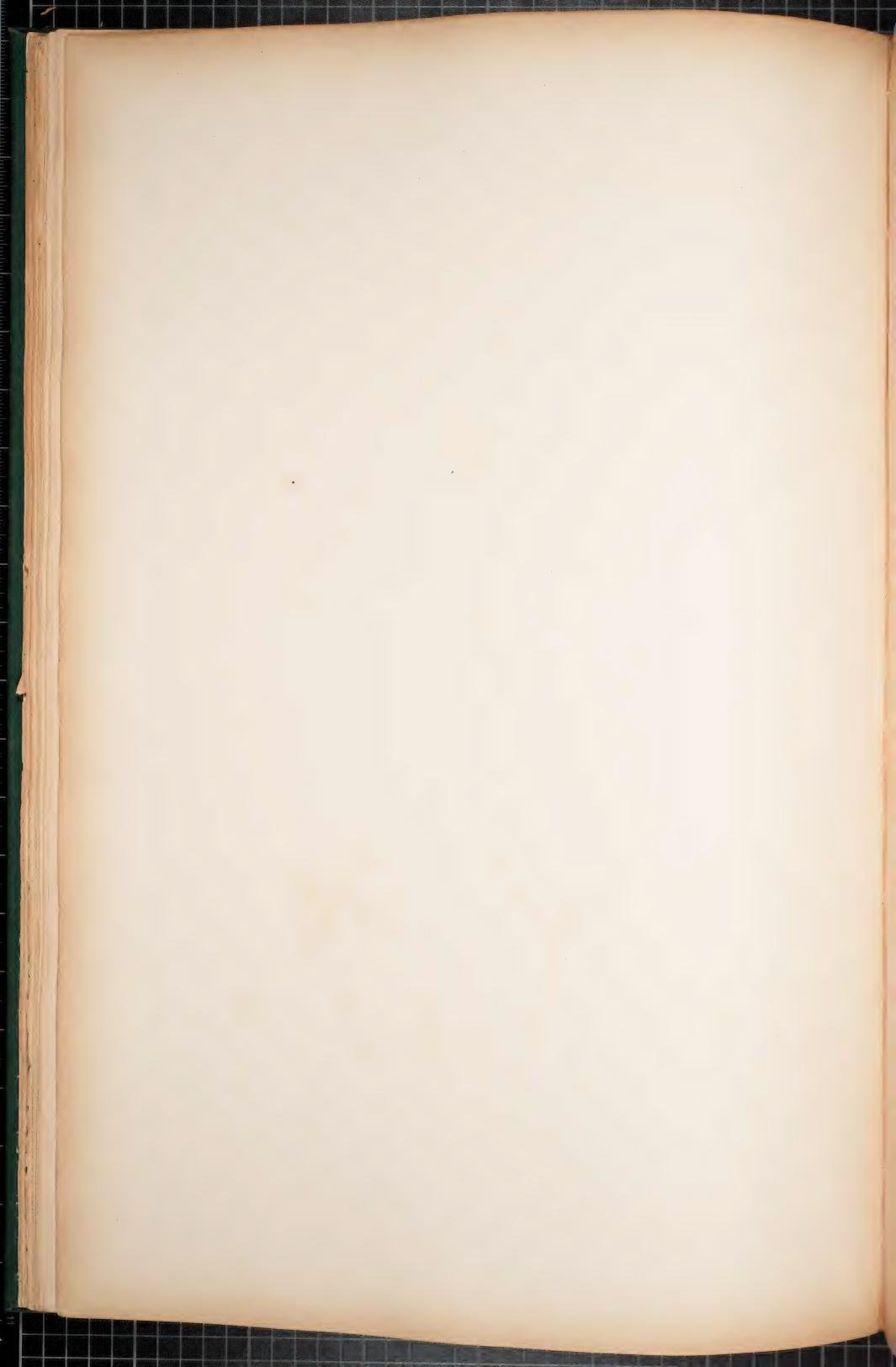
B. Vavara Amicorum





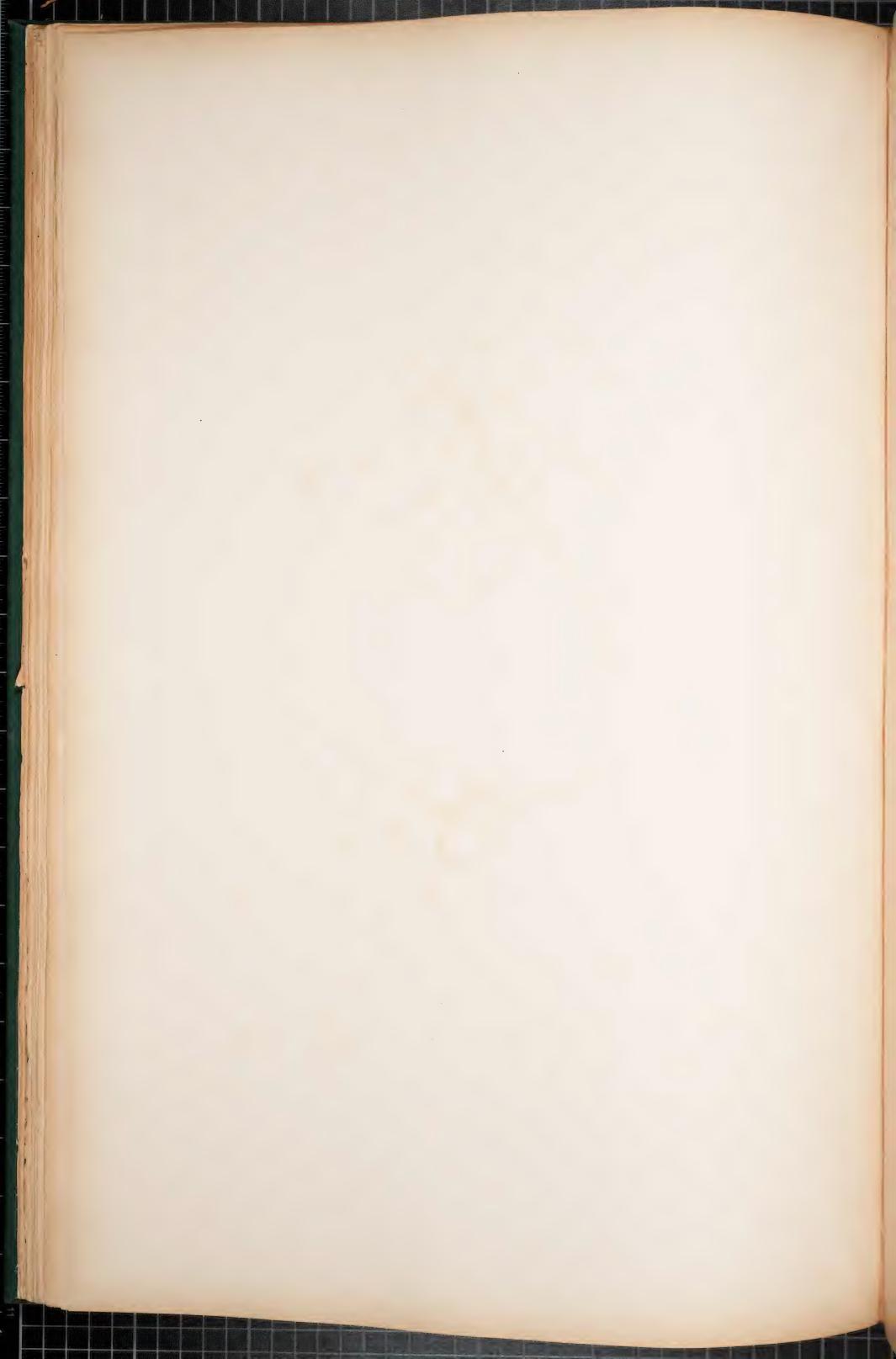
A. Pittosporum Brackencidgei.

B. Pittosporum tobiroides.





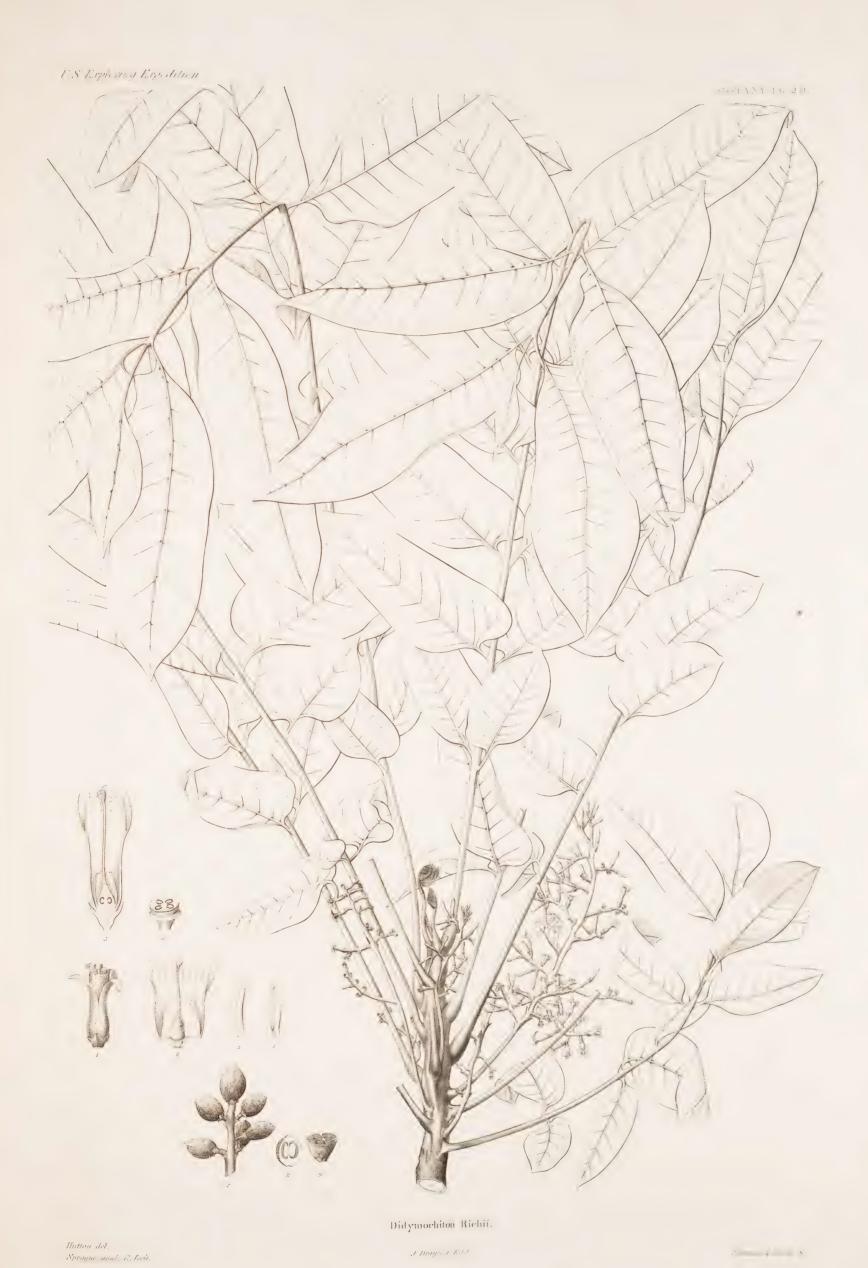
Pittosporum rhytidocarpum.

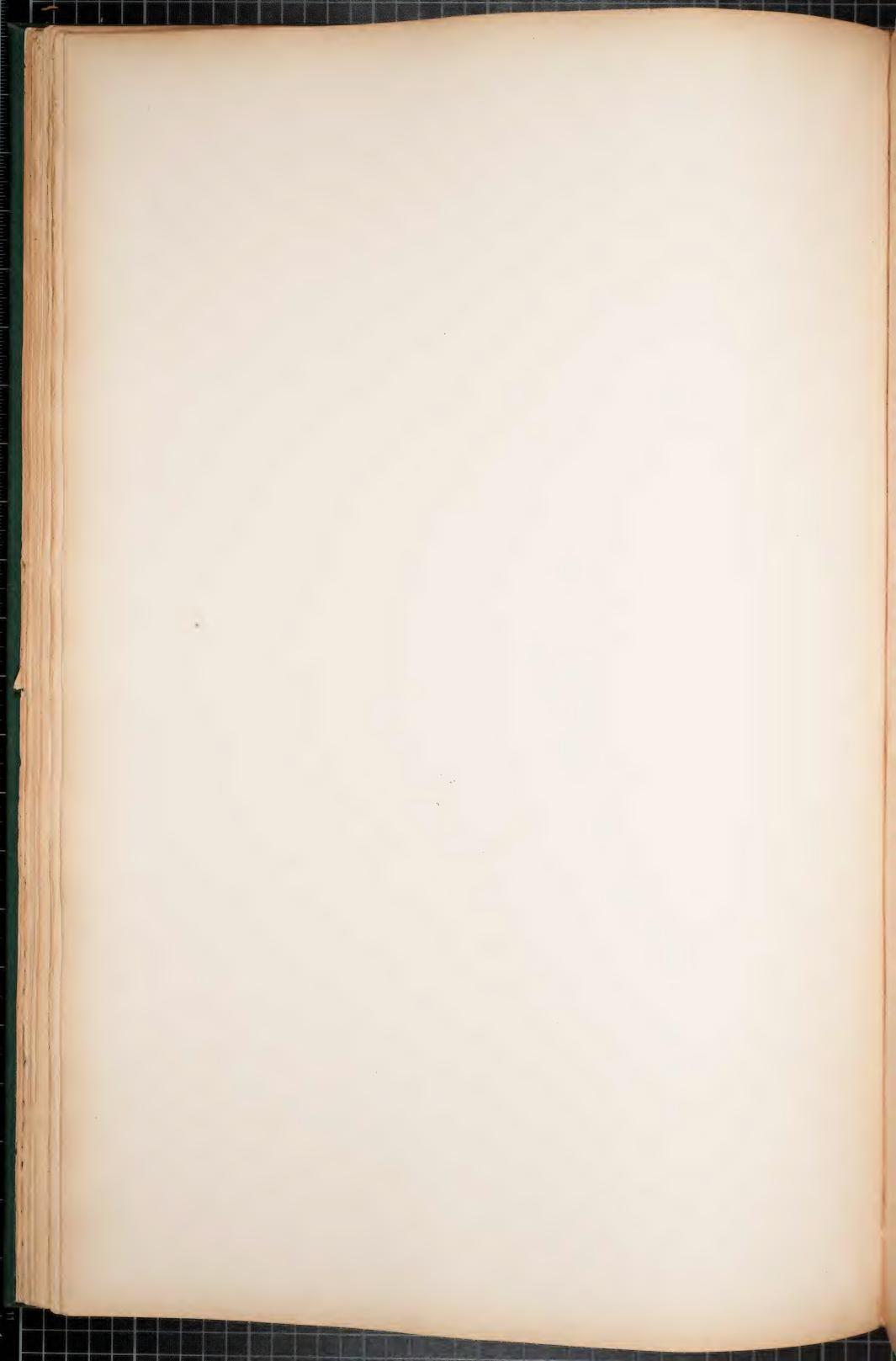




Pittosporum confertiflorum.









Hiptage myrtifolia.

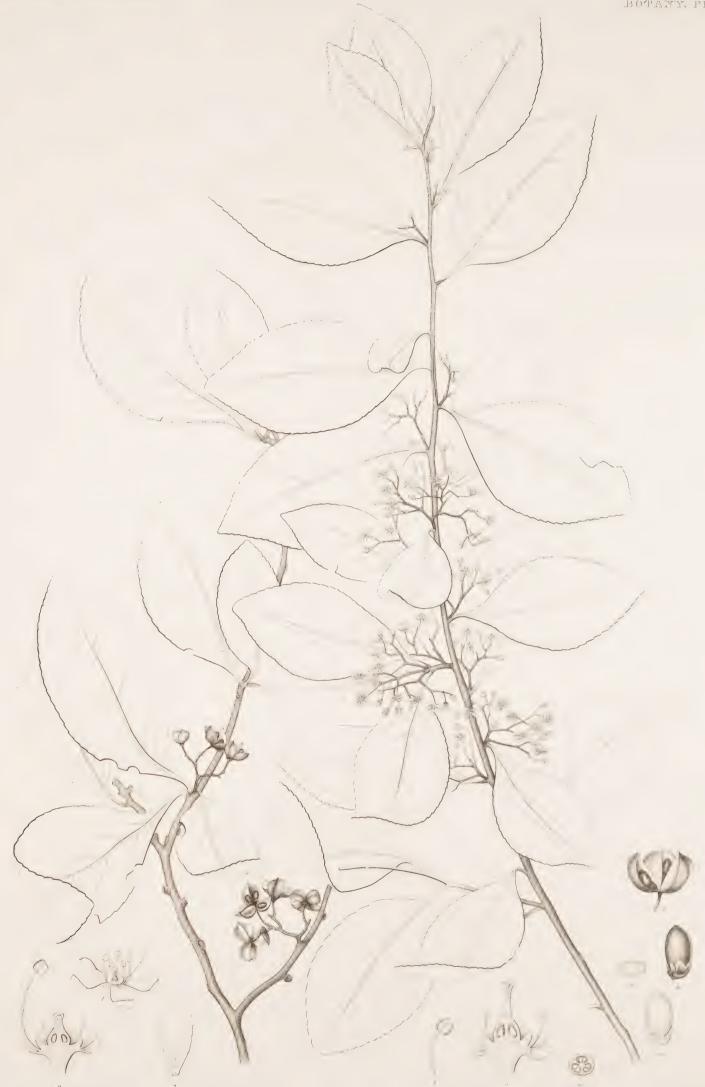




A. Alphitonia zizyphoides.

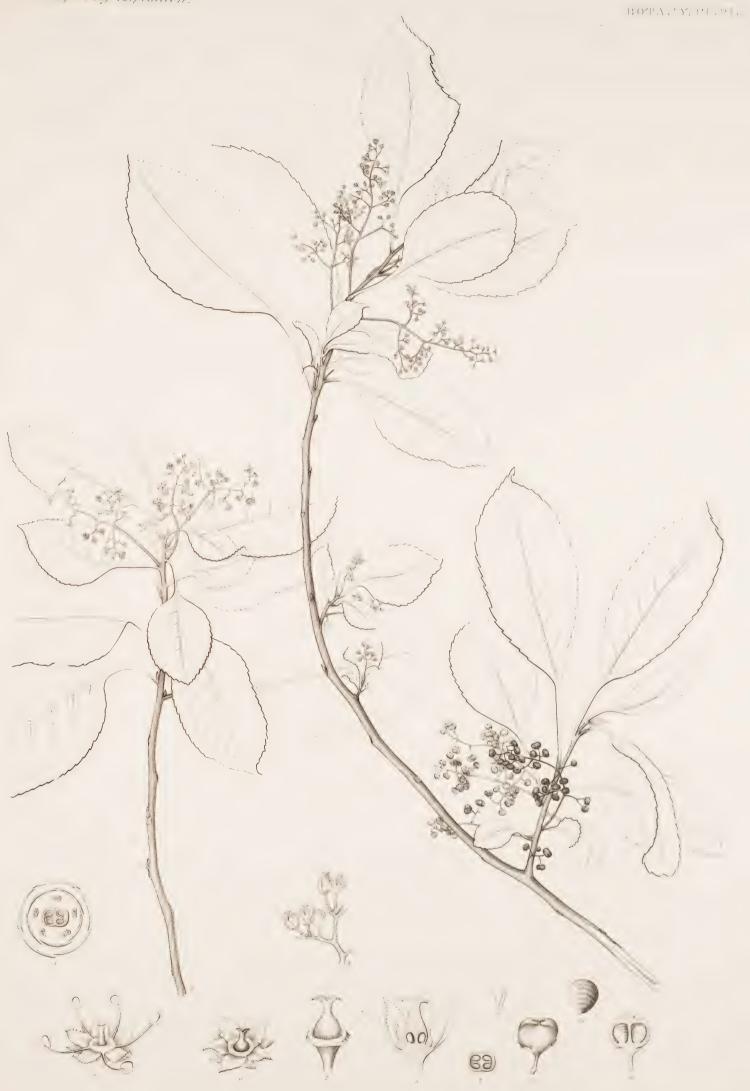
B. Alphitonia franguloides.





Catha Vitiensis.





Perrottetia Sandwicensis.

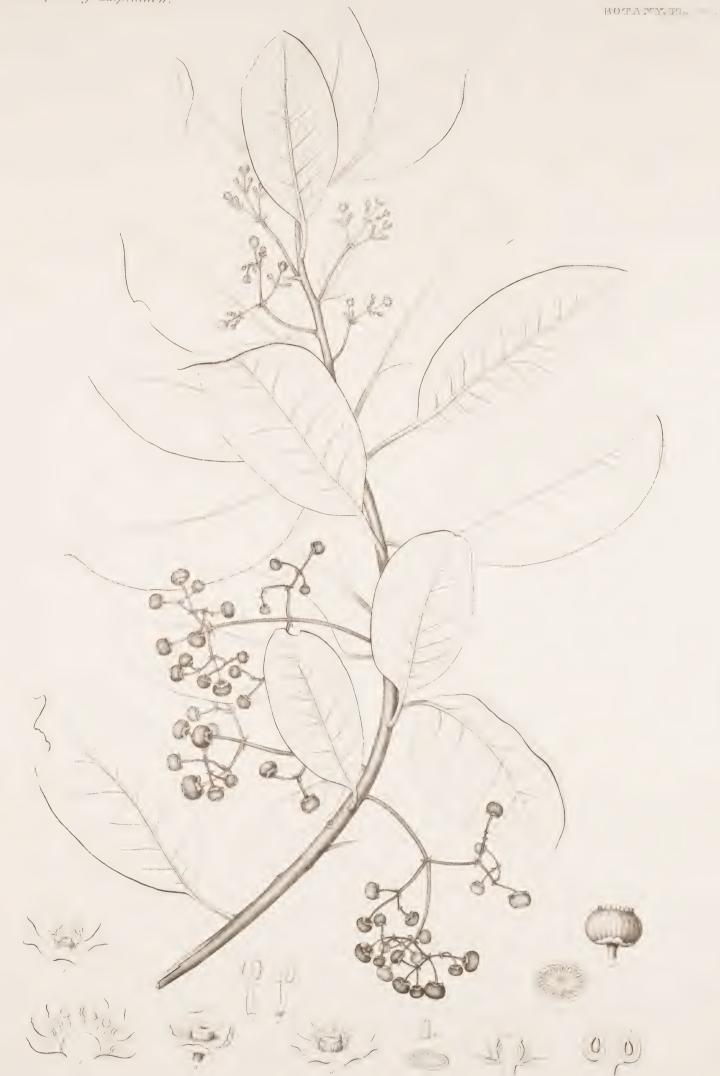




A. Hex Vitiensis.

B. Byronia Taitensis.





Byronia Sandwicensis.





Pleuropetalon Samoense.

Sprague anal. Reit.





Rhytidandra Vitiensis.





A. Geranium multiflorum. B. C. D. Geranium euneatum.



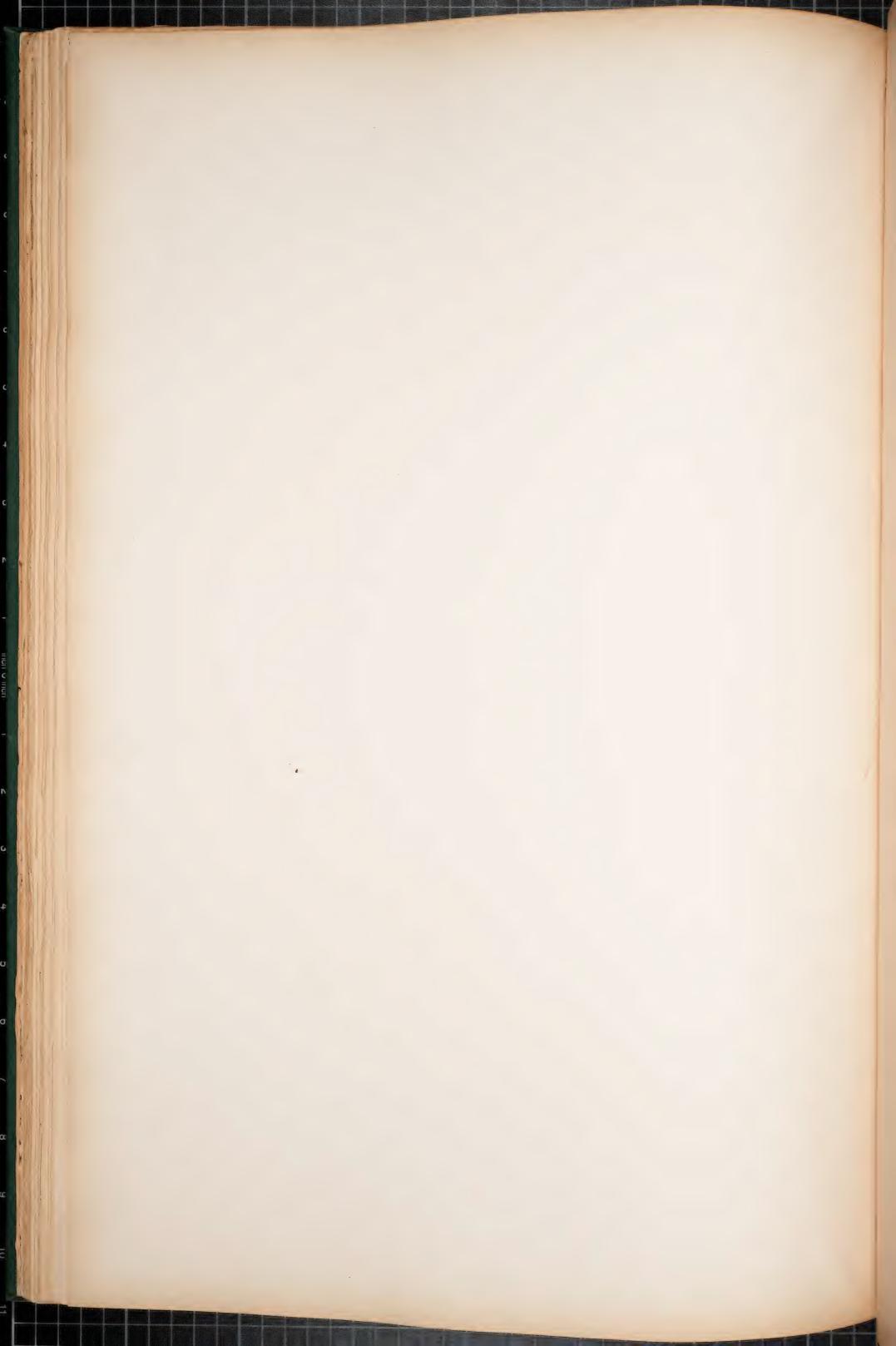


Geranium ovatifolium





Geranium arboreum.





Aeronychia heterophylla.





A. Aeronychia petiolaris.

B. – Neconychia Richu





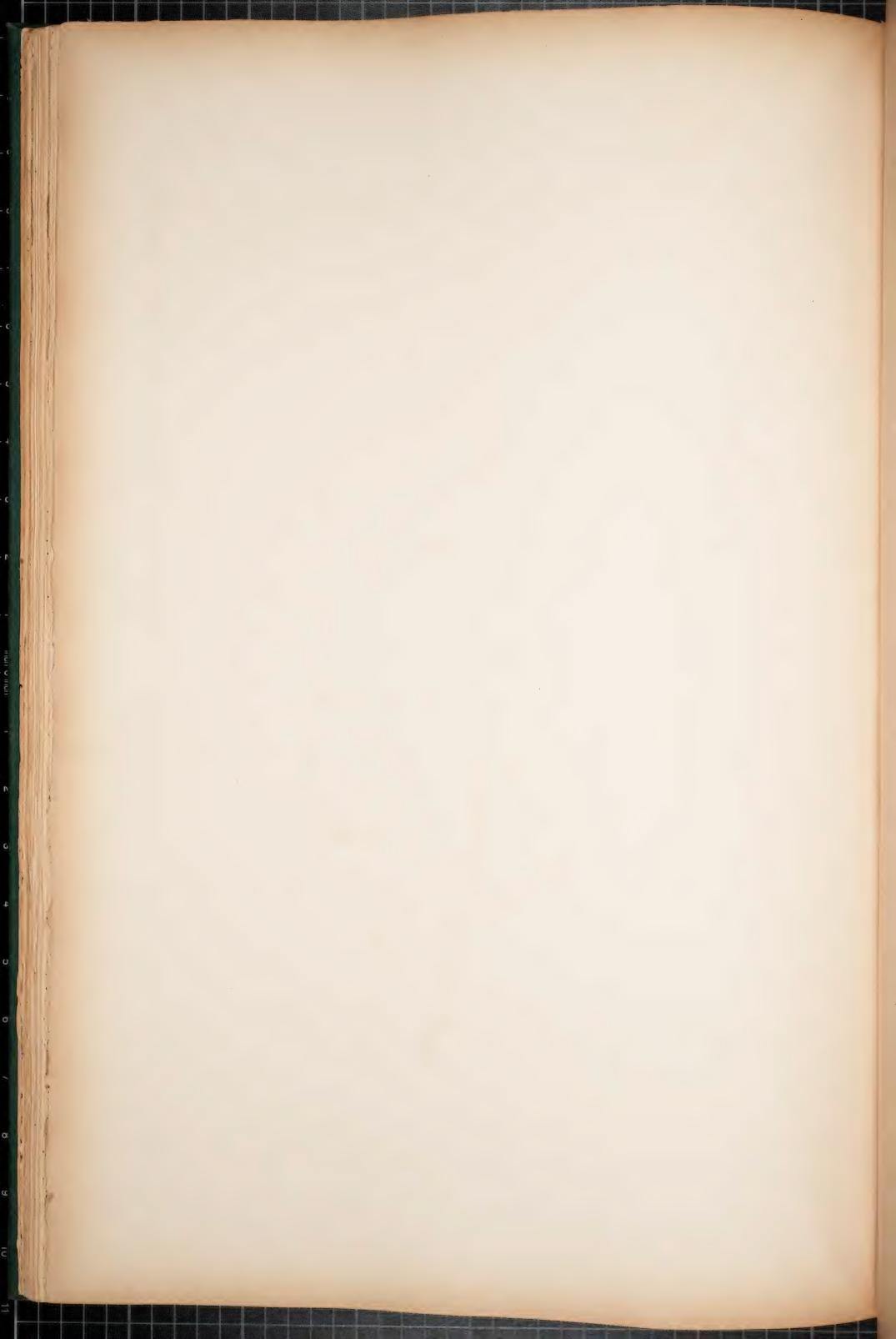
A. Acronychia retusa.

B. Pelea Incida.



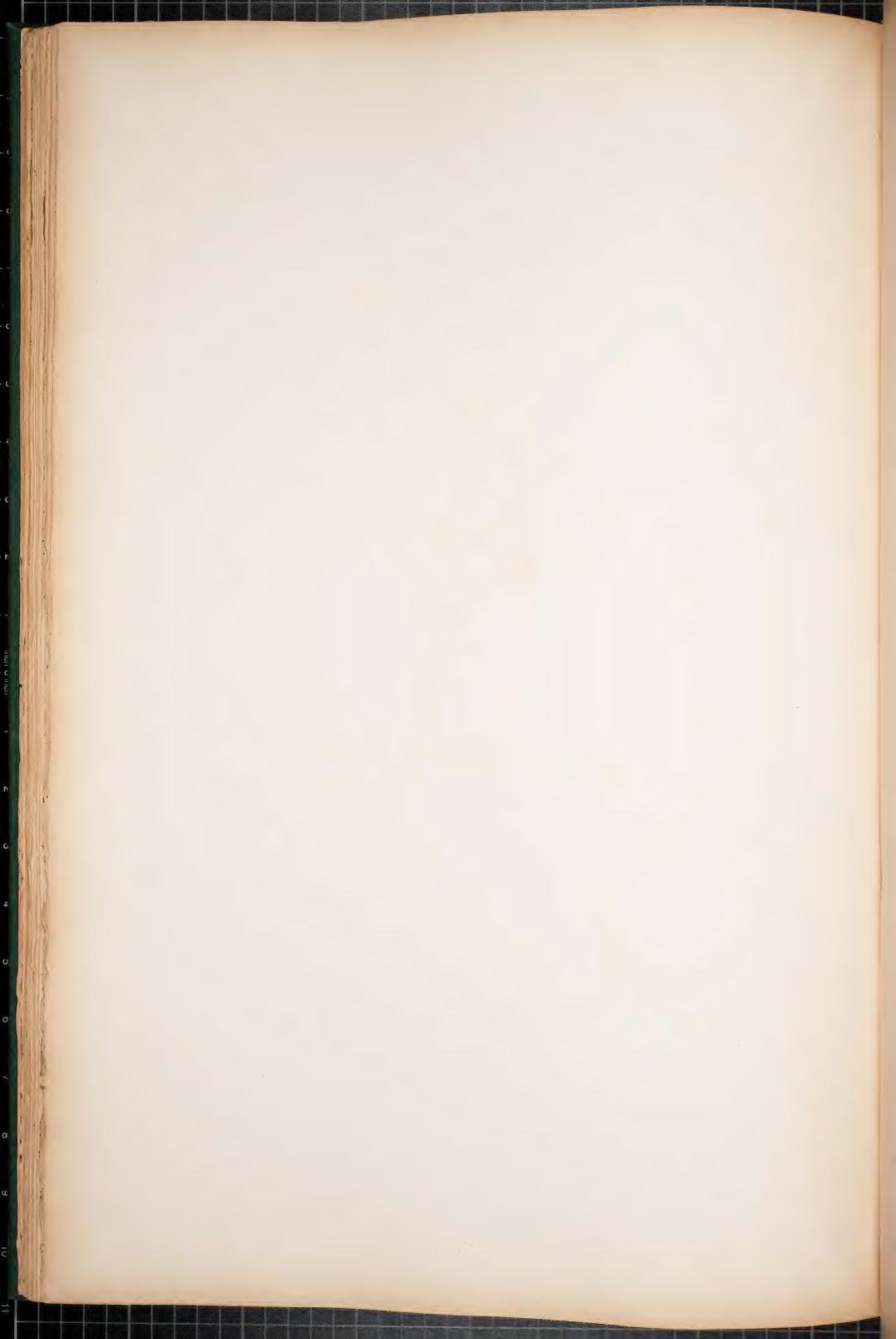


Pelea clusiaciolia.





Pelea auriculæfolia.





A. Pelea rotundifolia.

. B. Pelea Sandwicensis.









A. Melicope cinerea.

B. Melicope barbigera.





Amaroria soulameoides.





Gomphia linearis.





Brackenridgea nitida.





Oneoearpus Vitiensis.





A. Buchanania iTorida

J Dranten Edite

B. Rhus simarubæfelia.









Agati tomentosa.





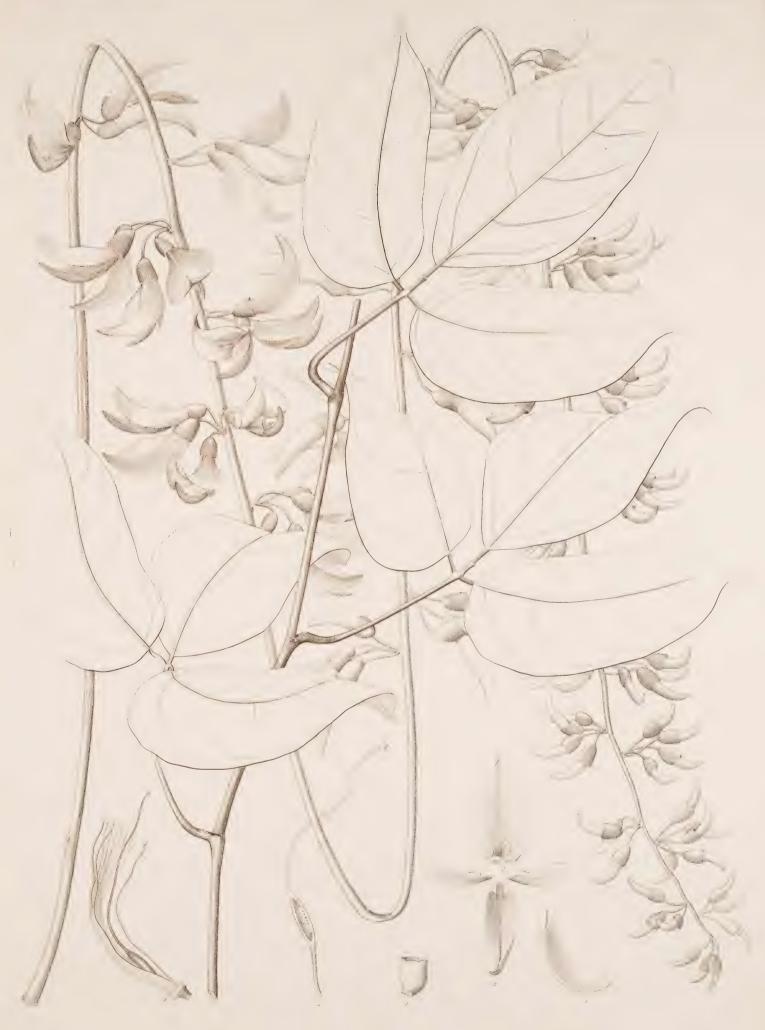
Streptodesmia canescens.





Strongylodon ruber.





Strongylodon macrobotrys.





Vigna Sandwicensis.





Afzelia bijuga.





Cynometra grandiflora.

J. Drayton, Edit







A. Parinarium Margarata.

B. Parinarium insularum.





Parinarium Jaurinum.





Rubus Hawaiensis.



CC 44 202 1/108

nonpolicy limophy 874











1807/2777 Ph. 59.





BOTA SELL 60.



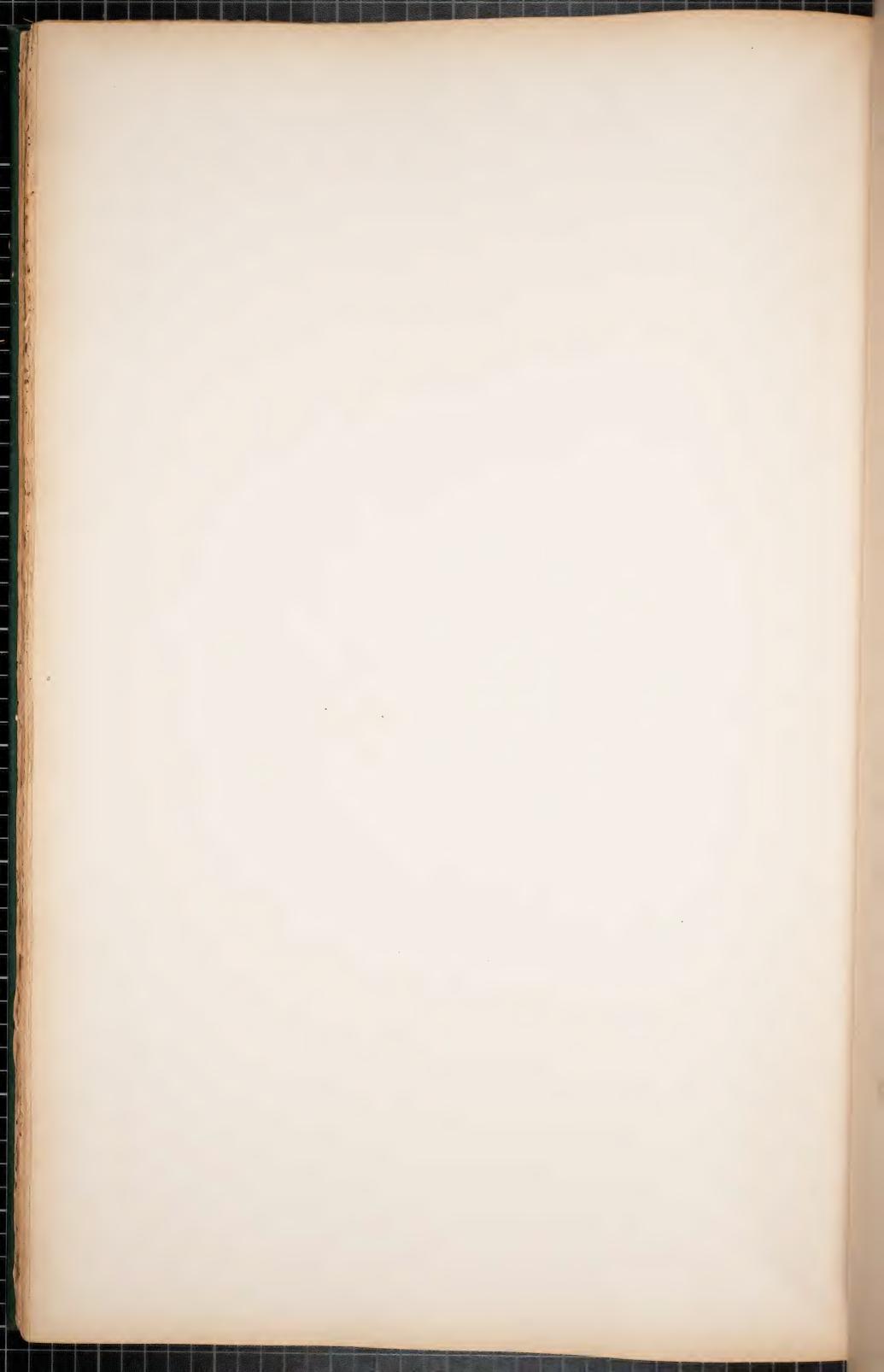
B. Engenia confertiflora.

A. Engènia Brackemidget.



The marks Tools

a apporting it any lay S.A.



.mirooim/. ninoonal



BOLTZI EN 63°

montheral principal 2.2.1



Engenia rubescens.



BOLVET II' 03'

nonpolicy binapling 81.1





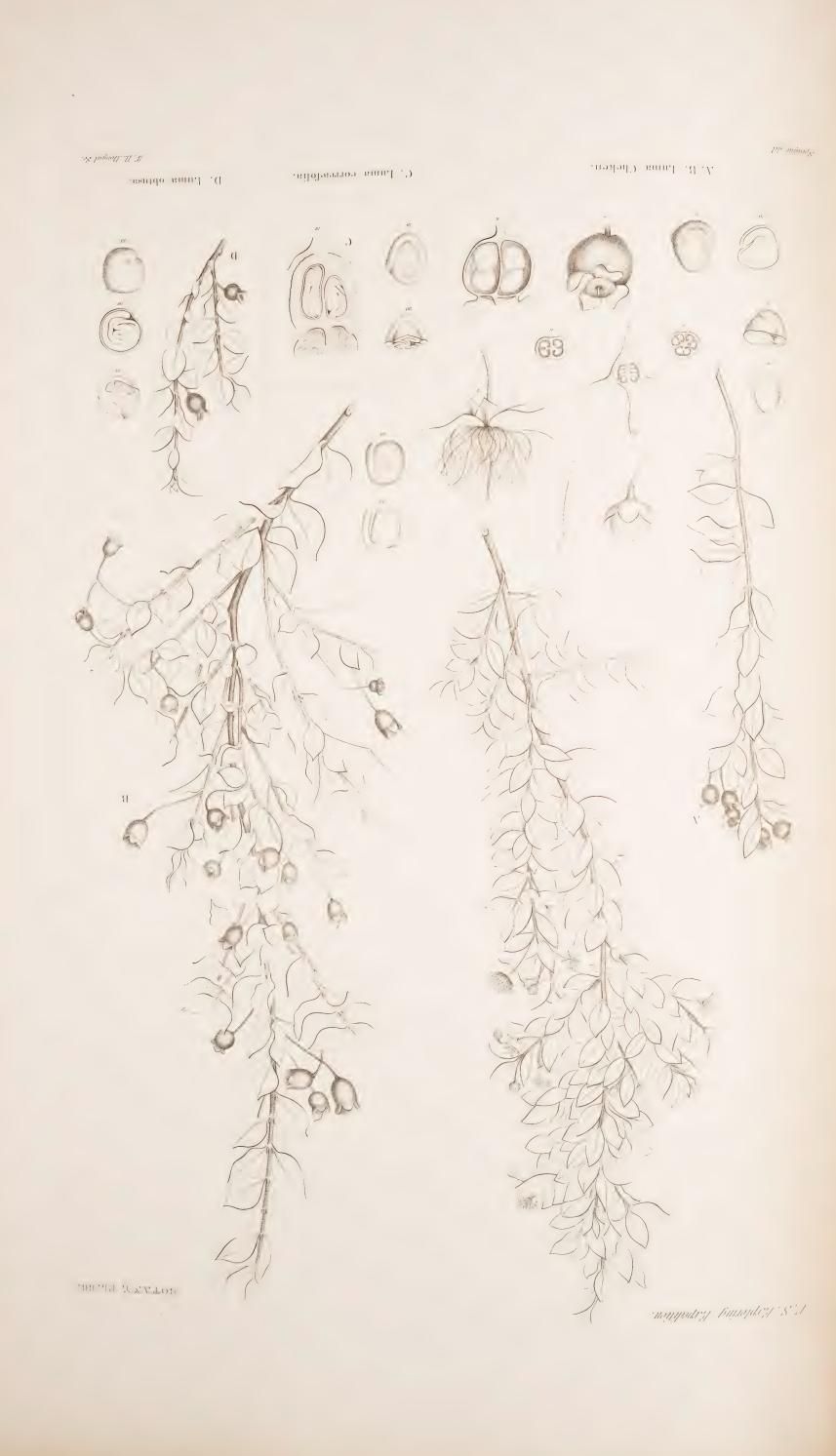


Bugenia chisisclolia.



.65 .14 7 7 17 0 8







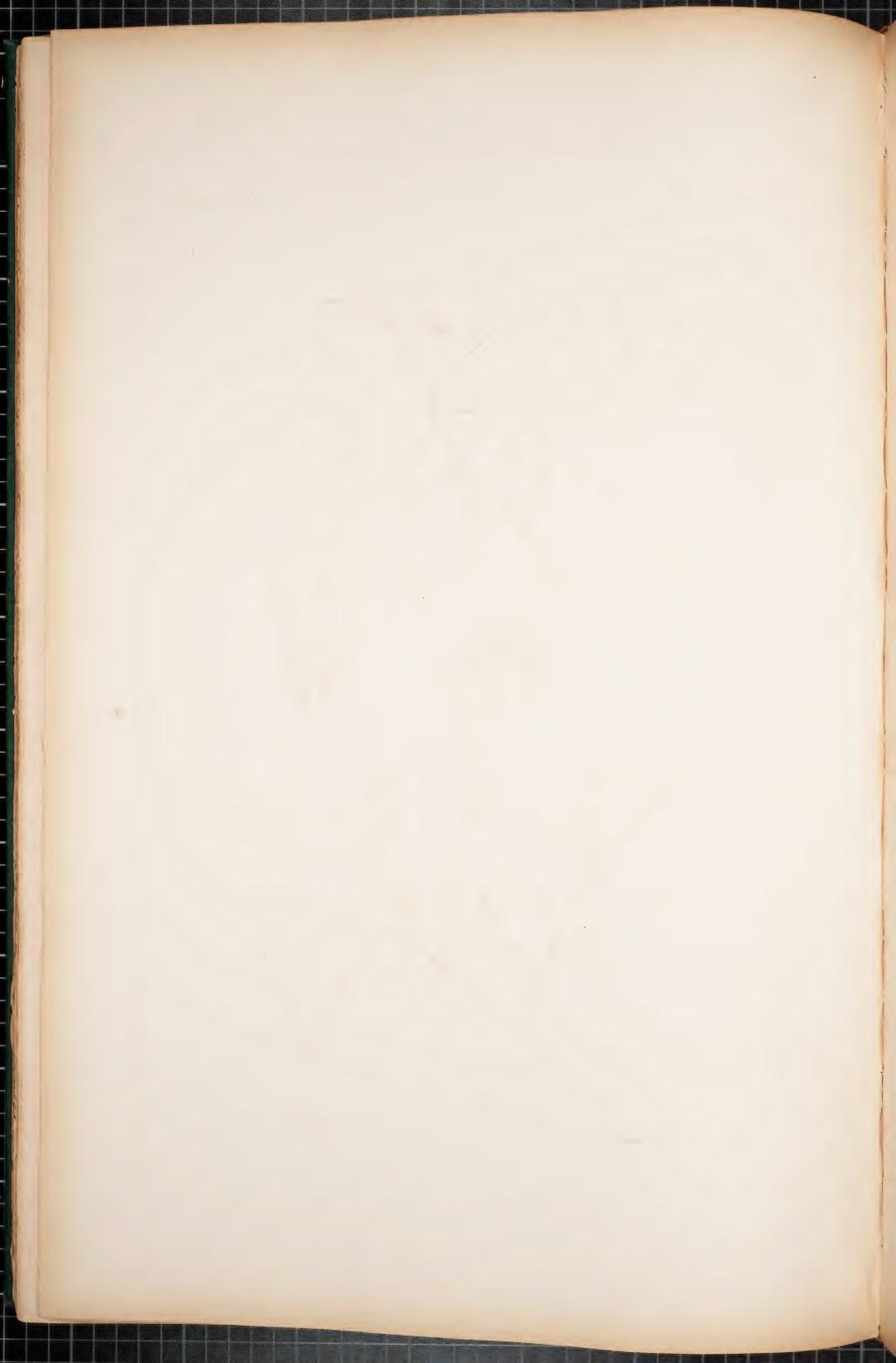
veie glyptins — martoides.





Metros ideros collins, var. Vidensis.





B. Aletrosideros lutea.

segoni serebiseriel. ./.





Aetrosideros Aacropus.



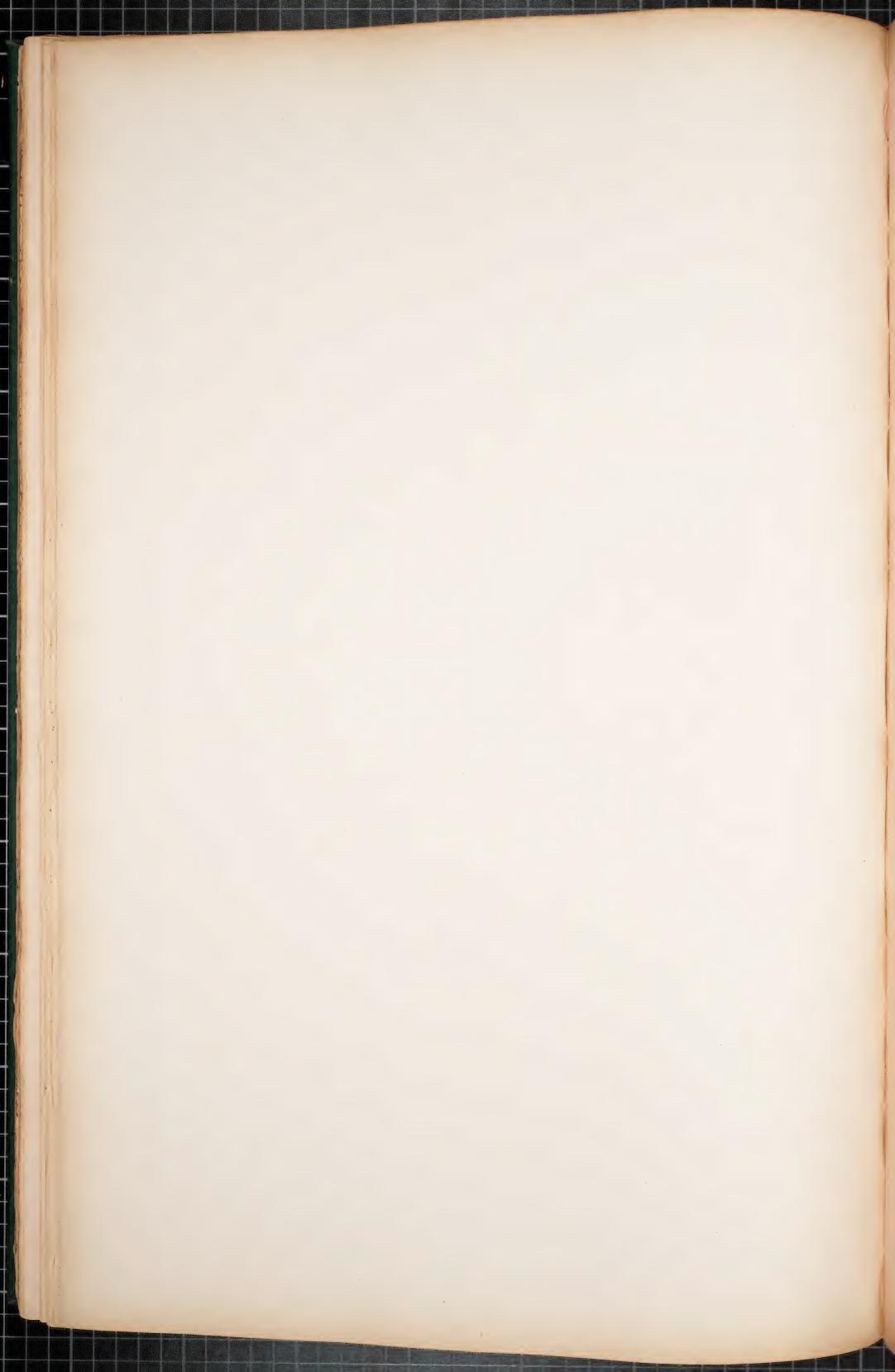


yemeczlon (alderense



BOJVAL BULL

nonpostry bunoptry S. a.







Pleiochiton erassifolia.



BOLLY S. M. D. P. S. S.

nonhard pinatral 25.7



Clidemia chaetoealyx.



TEMPERATURE

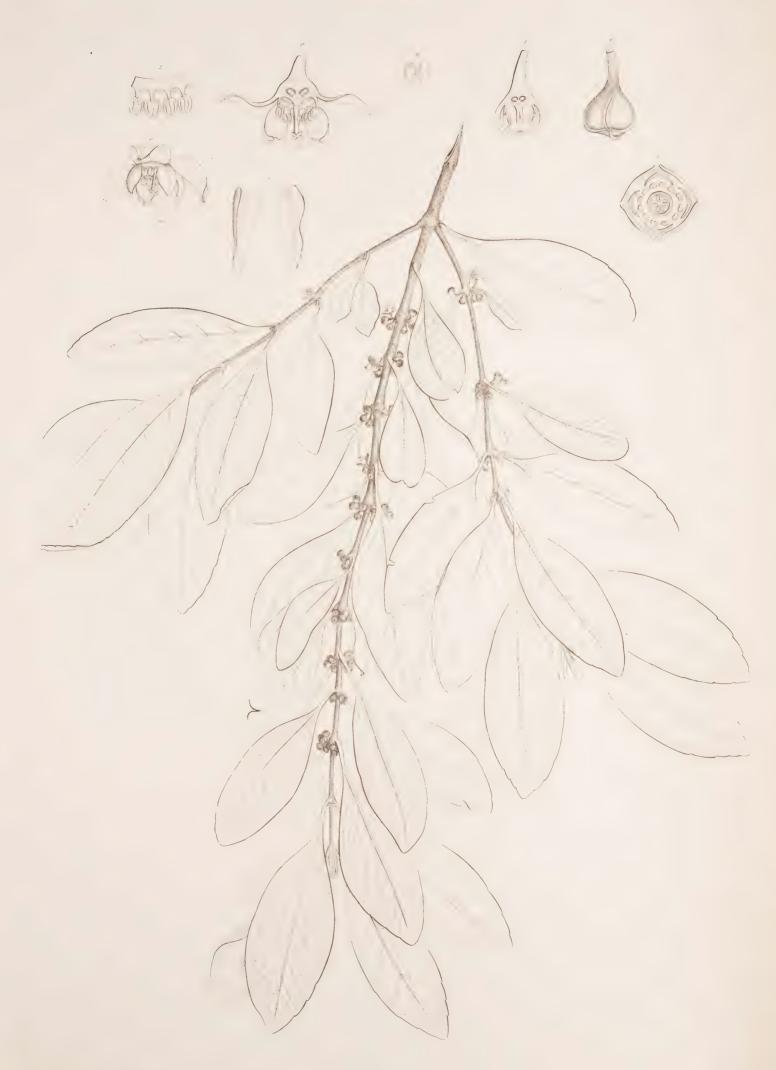


Medinilla heterophylla.





daplopetalon Richii.

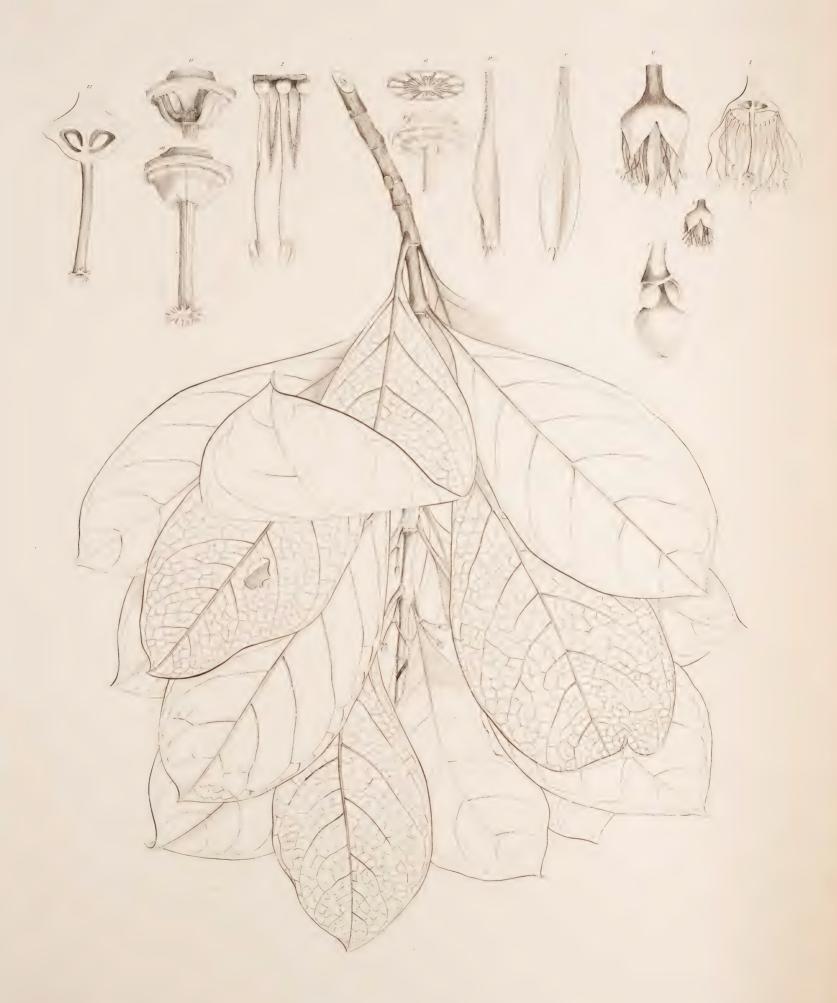


BOLTAL SKILOR

nonpodry limmadry sc.1



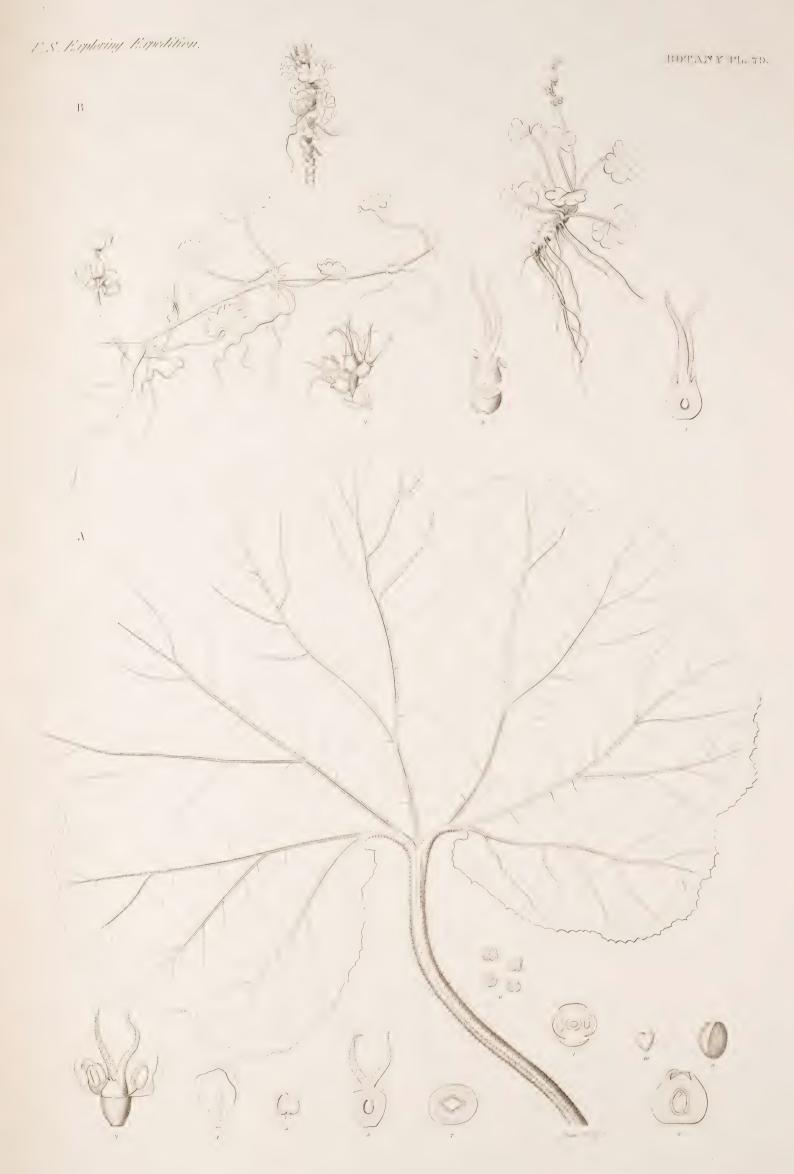
.moffid silytsoseor)











A. Gunnera petaloidea

B. Gunnera lobata.



siegos pachyearpus.



BOLYKX LI BO

manpadig binaplig 811



Sicyos maerophyllus. HOLVEZ LF 81 manyadist minahist v



32 Ingual H.M. Sieyos eucumerimus. eccu- Esse 3047272 512 852 nonpoden himaden 2, 1



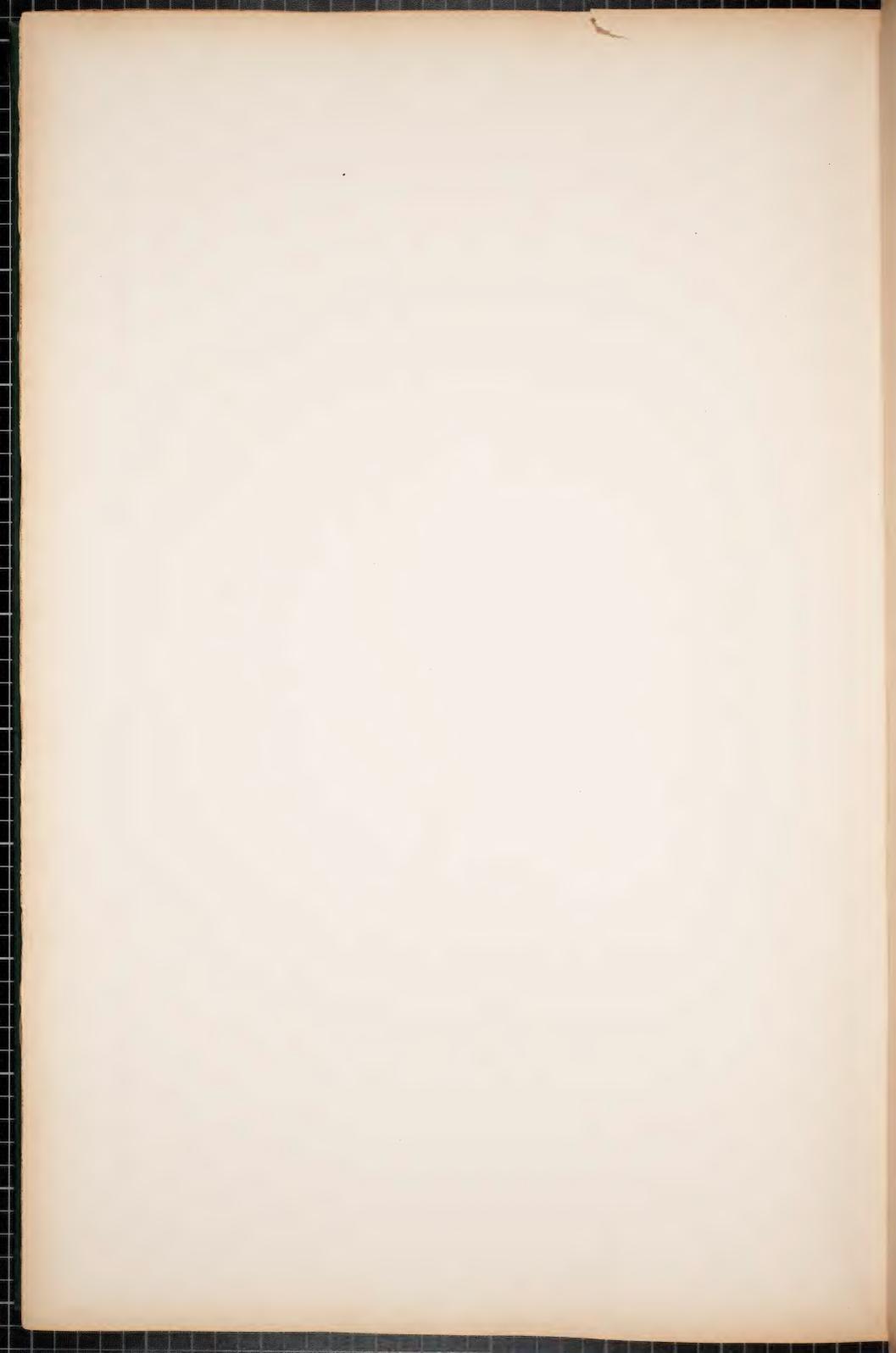


BOWAS NEESS.

nonpodry lingaply 8.1



28 Infinal H. M. .silolasor sinusmnis// 3047275 615 815 mappadizy linnaplizy S.



. stoffiving parvitors.

B. Weinmannia Richii.

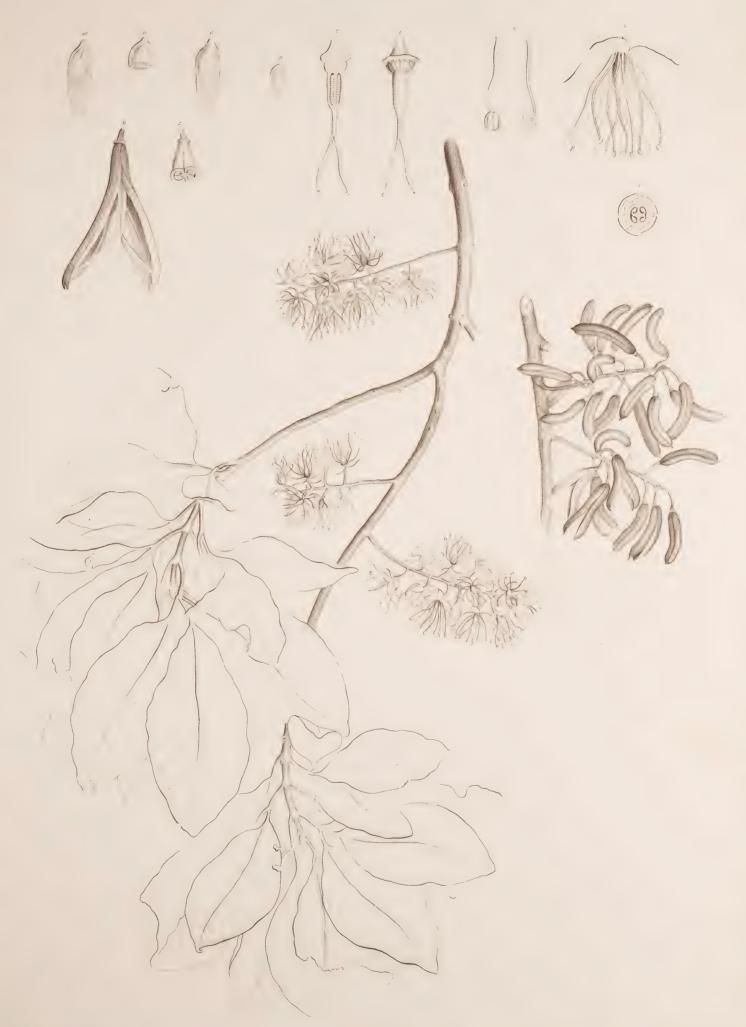


BOLVAZ LI' 82"

nonpodry limophy S'



.stamet siessiet)



BOLVELL BUS

nothing paridable 2011





13 27 27 P. B. B. B.

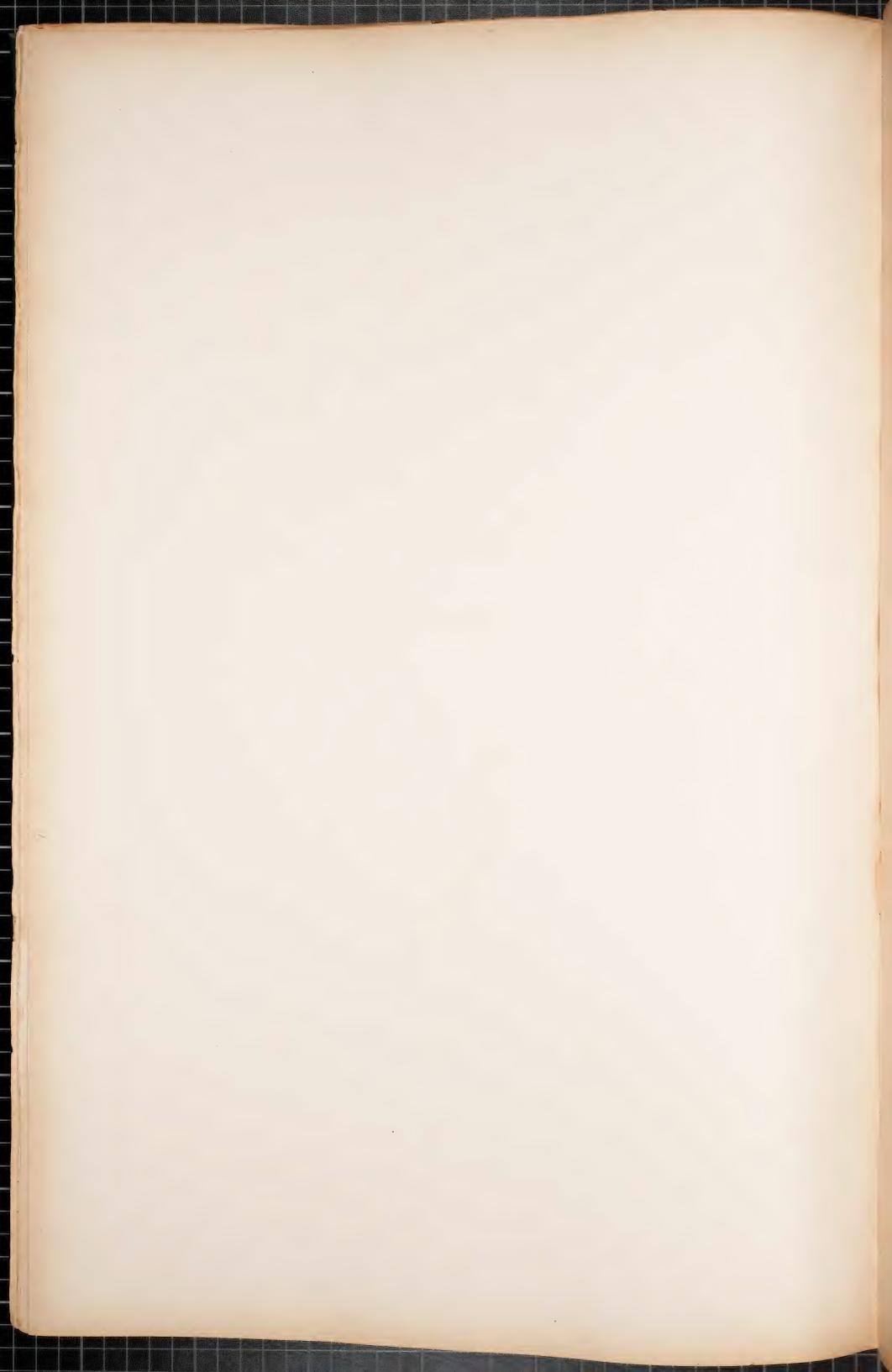
millibretish puraletish 2014







BOUZZJZ ED 88



Aralia Vitiensis.



13 0/11/7 77, 1/11, 89.

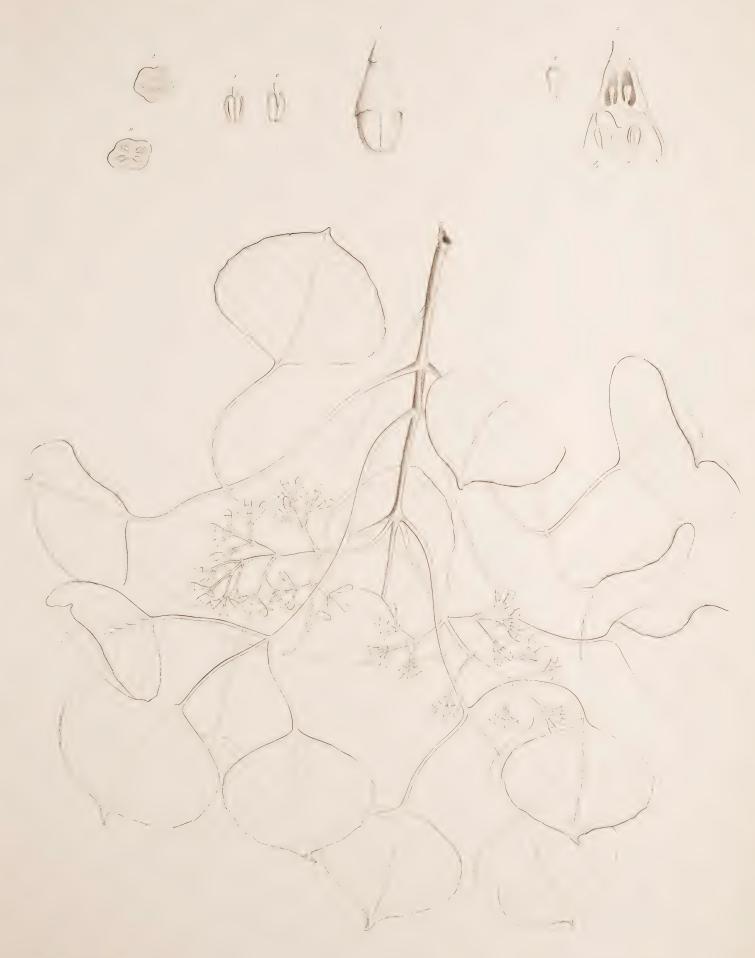
suggestery lineaptry 874





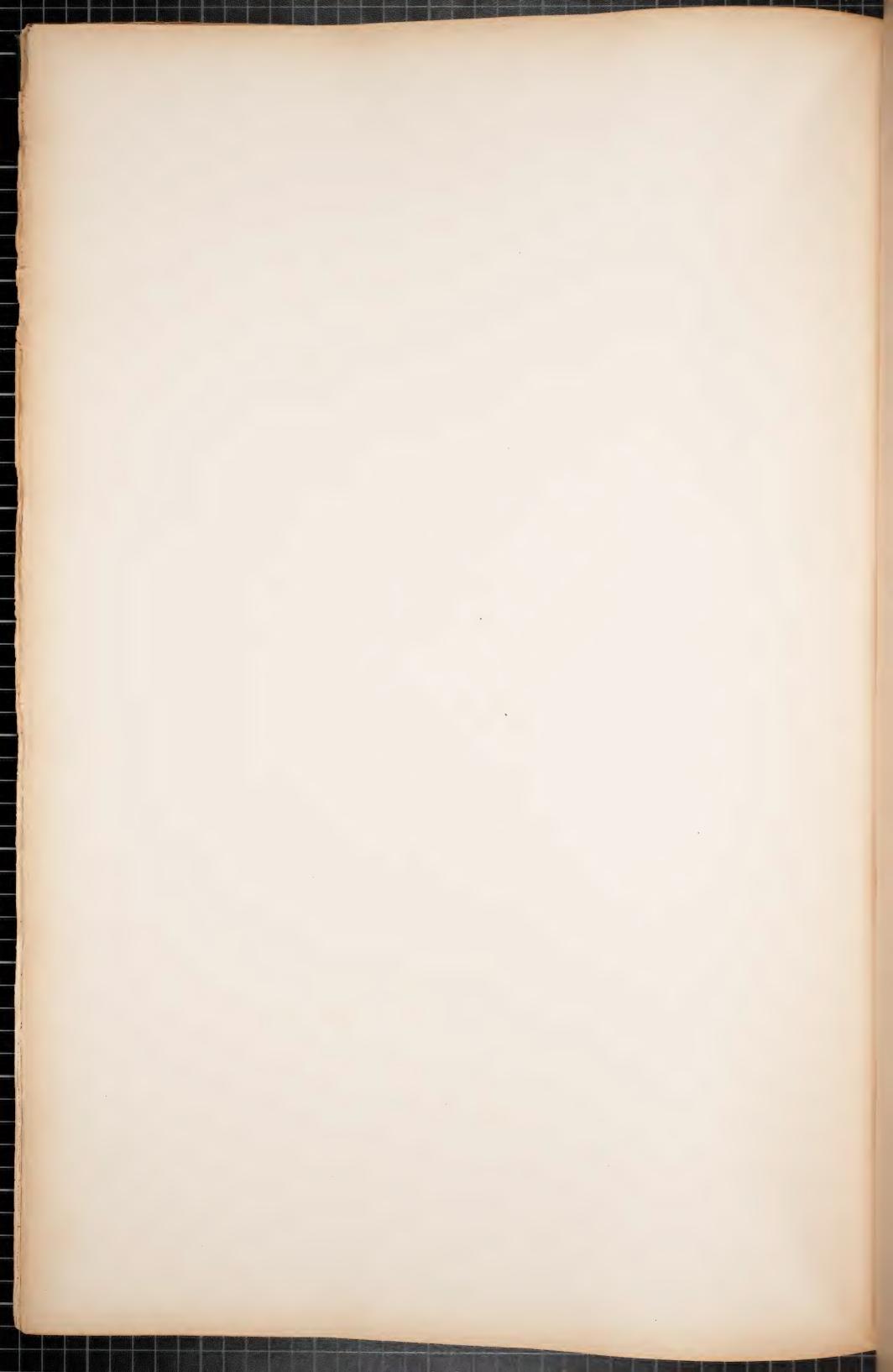


Hedera platyphylla.



BOJEVY & Z. 140 DE

uniprated puralities 25.1

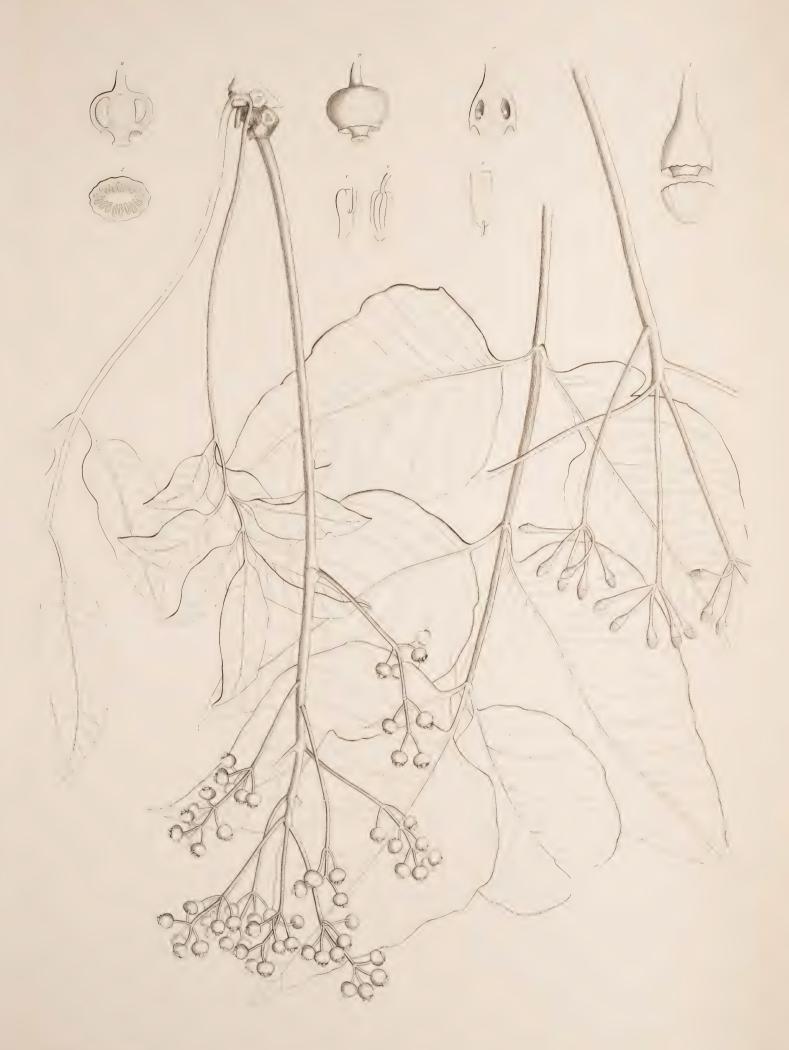


Reynoldsia Sandwicensis.



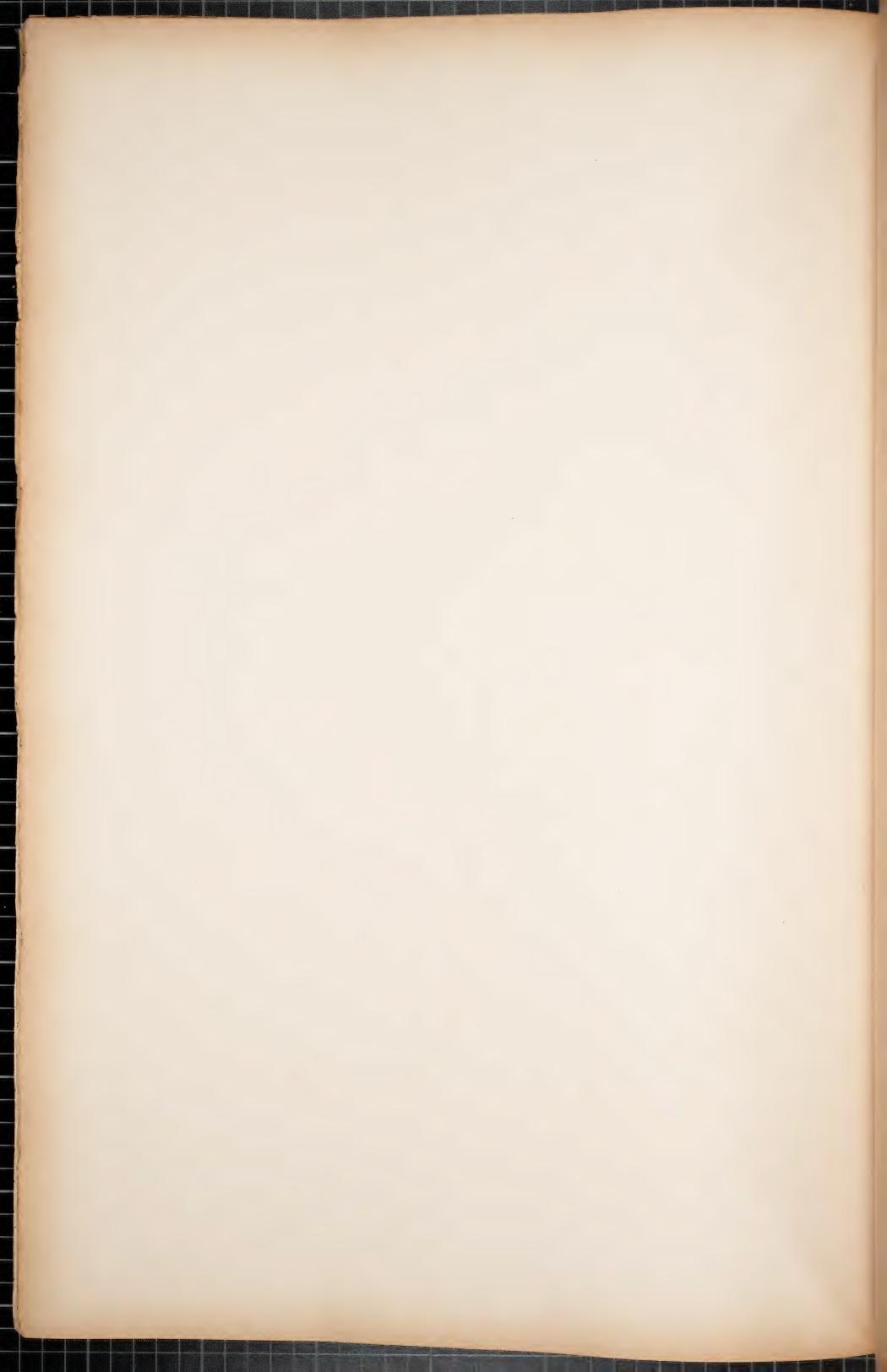


Reynoldsia pleiosperma.



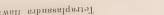
BOWWAL LITE DE

unnipolicy bunnelity 81.1





Tetraplasandra llawaiensis.







BOLVIAL THE OF

nonprotest himodost 8 12



digniamold rehusaald



BOLVILL DIE

nonharit puroletik 2014





Borryodendrum Taitense.



nonhugas punolqua 2.5.1

An sugar

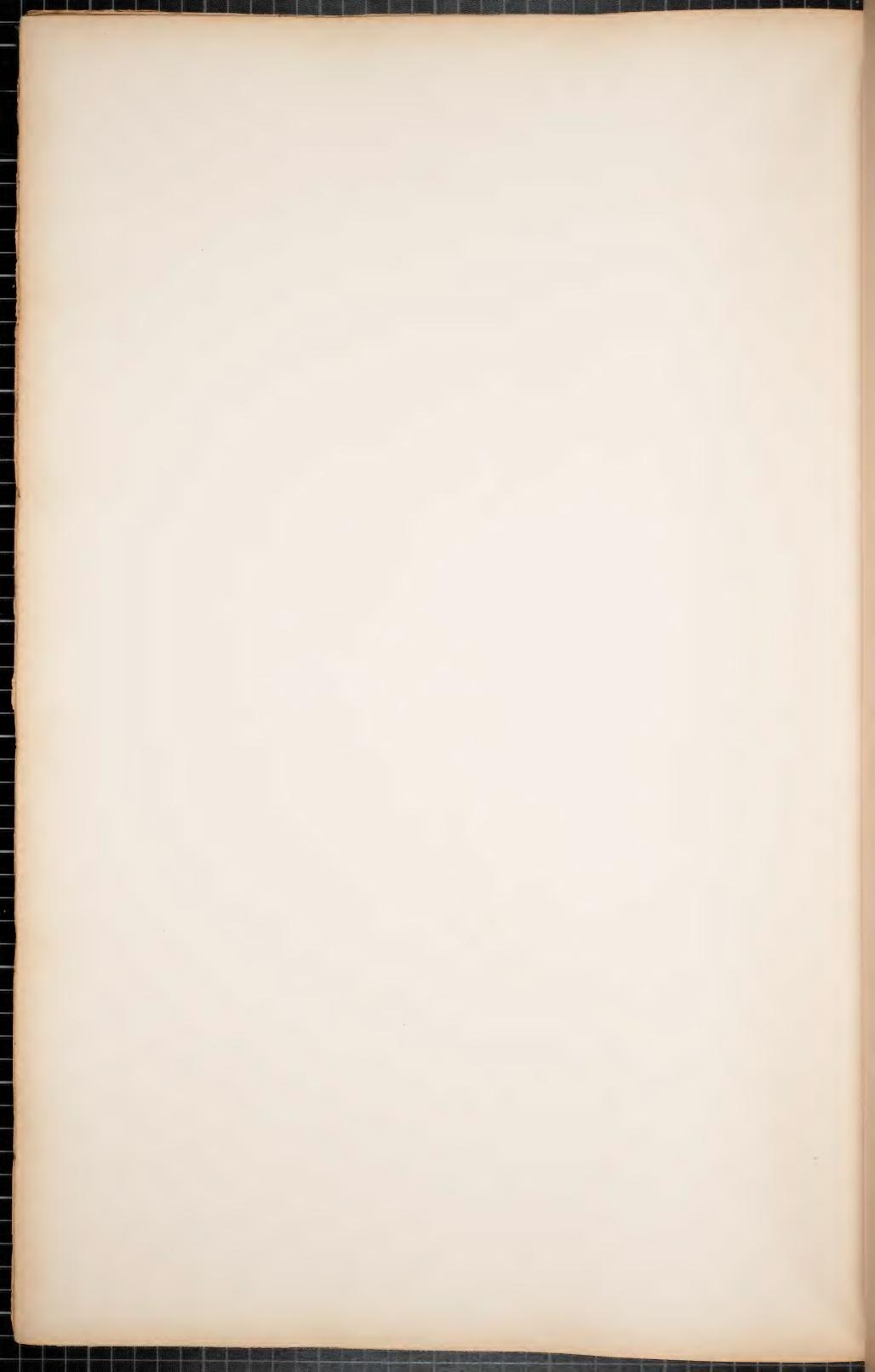


gotryodendrum macrophyllum.



"26 "Tel XXVILOS

nonhhopist panolysis 8.4



.muralirani sudinaro,l



BO ALT WELL DE

... northboard finnolard . 2. 14



suilolinetzam suduraod



BOLVILY EL" DO"

nompoting bimophing SM



Loranthus celastroides.



BOTAZZ PL, 100,

nonipolicy linearly dest. See a













